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ABSTRACT

The general emphasis of Project LONGSTEP was on the identification of changes in student achievement that occur as a result of exposure to intensive educational innovation. The purpose of the supplement to Volume I of the Project LONGSTEP final report was (1) to ascertain if the trends observed and discussed in Volume I with respect to students in grades 1, 4, and 6 during the 1970-71 school year were representative of the trends shown by all analysis samples and (2) to compare results and determine if other meaningful trends across cohorts were present. These supporting appendices to the Volume I supplement provide the technical data. "Data Collection Instruments and Guidelines" developed for Project LONGSTEP referenced in Vol. I, Chapter II, Section C, will be accessioned TM 005 987 in RIEMAY77. (RC)

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IMPACT OF EDUCATIONAL INNOVATION ON STUDENT PERFORMANCE:

OVERALL FINDINGS FOR READING AND ARITHMETIC

Project LONGSTEP Final Report: Volume I Supplement

SUPPORTING APPENDICES

U.S. DEPARTMENT OF HEALTH,
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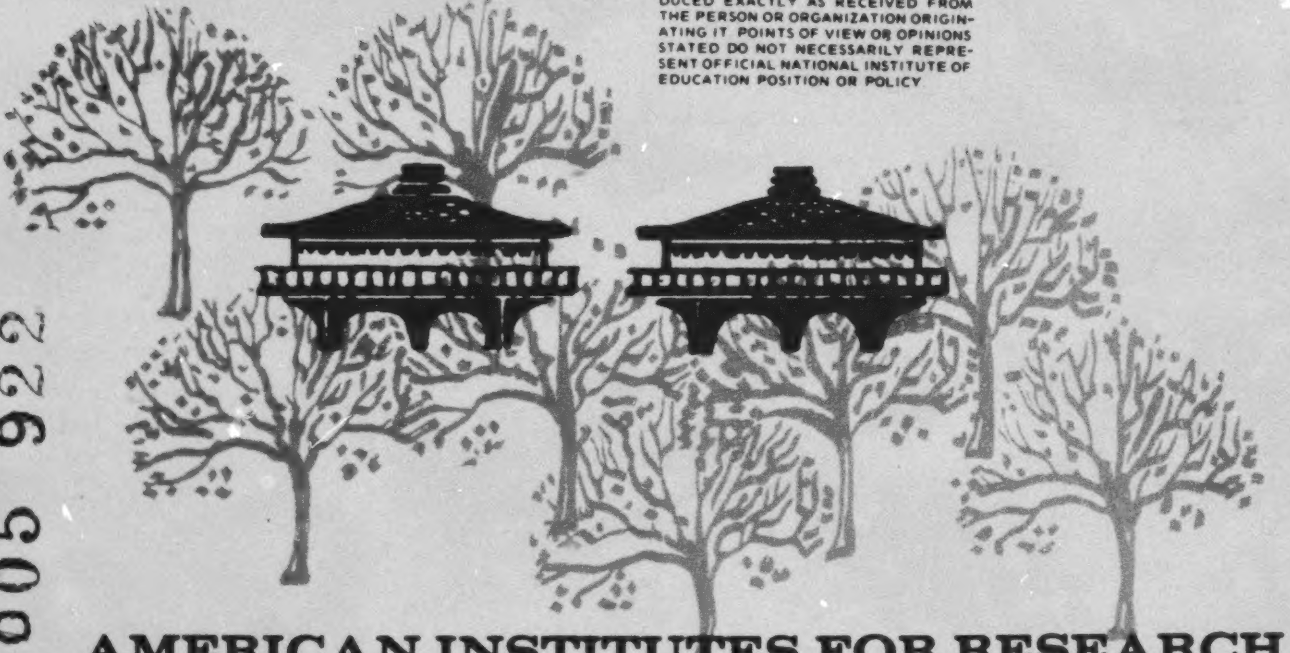

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Palo Alto, California

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APPENDIX A[*]

Means, Standard Deviations, Intercorrelations, Commonality Analysis Tables and Regression Analysis Results - Reading Total Score Analyses

(for all Cohorts Except 1, 4 and 6)

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[*] See Appendix C for the definitions of all variable abbreviations.

TABLE A-1

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 2, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	387.3068	62.5257	805
COMPSES	99.8825	9.9893	805
RESR71	105.2832	11.3581	805
E2LI	20.1224	4.0628	805
E2NMIN	103.5528	32.4112	805
T2TQ	97.9044	9.7756	805
E2UO	2.6986	0.6755	805
E2IDM	1.4186	0.5196	805
E2TLDM	1.7248	0.4762	805
E2IIP	2.1354	0.6008	805
E2SC	1.8323	0.7231	805
E2UPA	1.6745	0.6217	805
E2CGO	2.0398	0.7923	805
E2TUC	1.9671	0.7628	805
E2CIP	2.1634	0.5962	805
E2USE	2.4679	0.5821	805
E2DI	7.6965	1.7250	805
T2AGE	35.1304	11.4117	805
T2TSB	103.0833	9.9350	805
RPRESES	-0.0000	54.4116	805
RTOT72	387.3068	62.9771	805
PCT72	75.7722	3.5453	805
RTOT71	105.2832	11.4573	805
PCT71	75.2373	4.3680	805

TABLE A-2

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 3, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	431.4235	62.8000	1879
COMPSES	99.5406	9.7530	1879
RESR71	390.0424	63.7151	1879
E2LI	18.4986	4.2274	1879
E2NMIN	100.4444	29.6896	1879
T2TQ	101.1836	7.6451	1879
E2UO	2.3266	0.8616	1879
E2IDM	1.2787	0.3671	1879
E2TLDM	1.8603	0.5285	1879
E2IIP	1.8435	0.6070	1879
E2SC	1.6275	0.6958	1879
E2UPA	1.4816	0.6341	1879
E2CGO	1.9292	0.7769	1879
E2TUC	1.8332	0.7080	1879
E2CIP	1.9375	0.5460	1879
E2USE	2.3805	0.6511	1879
E2DI	6.9844	1.6535	1879
T2AGE	39.8210	12.0082	1879
T2TSB	97.2277	9.9049	1879
RPRESES	0.0000	34.7770	1879
RTOT72	431.4236	62.8047	1879
PCT72	74.8868	4.9678	1879
RTOT71	390.0426	63.8902	1879
PCT71	77.9458	6.7886	1879

TABLE A-3

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 5, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	505.0589	71.5605	1916
COMPSES	98.1210	14.0251	1916
RESR71	473.8219	71.0031	1916
E2LI	19.3669	3.9093	1916
E2NMIN	83.8022	27.0144	1916
T2TQ	100.1159	8.5977	1916
E2UO	2.5264	0.7723	1916
E2IDM	1.2912	0.3959	1916
E2TLDM	1.9087	0.6512	1916
E2IIP	2.2004	0.6532	1916
E2SC	1.5574	0.5274	1916
E2UPA	1.4875	0.6735	1916
E2CGO	2.0224	0.6709	1916
E2TUC	1.7957	0.6034	1916
E2CIP	2.0686	0.5840	1916
E2USE	2.5085	0.5809	1916
E2DI	7.4876	1.6159	1916
T2AGE	36.9164	11.1270	1916
T2TSB	100.4645	9.1130	1916
RPRESES	-0.0000	38.7172	1916
RTOT72	505.0590	71.6313	1916
PCT72	75.3051	4.9994	1916
RTOT71	473.8220	71.0119	1916
PCT71	78.6404	6.8951	1916

TABLE A-4

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 7, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	579.1950	74.1800	1484
COMPSES	100.3512	9.9916	1484
RESR71	537.9955	72.4291	1484
E2LI	19.6540	4.3286	1484
E2NMIN	55.4245	10.9567	1484
T2TQ	97.4663	9.1653	1484
E2UO	2.4196	0.7798	1484
E2IDM	1.4000	0.3777	1484
E2TLDM	2.3757	0.5492	1484
E2IIP	2.0040	0.6382	1484
E2SC	1.8288	0.8156	1484
E2UPA	1.4299	0.6066	1484
E2CGO	2.0714	0.3803	1484
E2TUC	1.6735	0.5801	1484
E2CIP	2.0131	0.5777	1484
E2USE	2.4378	0.6916	1484
E2DI	7.2718	1.6648	1484
T2AGE	35.0562	10.1306	1484
T2TSB	103.2823	9.7239	1484
RPRESES	0.0000	40.0103	1484
RTOT72	579.1860	74.2324	1484
PCT72	74.1646	5.5524	1484
RTOT71	537.9933	72.4337	1484
PCT71	77.5369	6.3909	1484

TABLE A-5

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 8, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	609.1250	81.3988	1406
COMPSES	100.7257	10.2848	1406
RESR71	579.2461	73.1422	1406
E2LI	18.1758	3.6854	1406
E2NMIN	54.4346	5.7792	1406
T2TQ	100.5623	8.4703	1406
E2UO	2.7165	0.5411	1406
E2IDM	1.4144	0.3676	1406
E2TLDM	2.3489	0.5594	1406
E2IIP	1.4474	0.6456	1406
E2SC	1.5448	0.7182	1406
E2UPA	1.4730	0.6293	1406
E2CGO	1.8506	0.4290	1406
E2TUC	1.3467	0.5192	1406
E2CIP	2.0039	0.5720	1406
E2USE	2.0296	0.5190	1406
E2DI	6.3644	1.6425	1406
T2AGE	38.0136	10.4578	1406
T2TSB	100.3049	8.8780	1406
RPRESES	0.0000	44.9964	1406
RTOT72	609.1259	81.3988	1406
PCT72	73.5190	5.4257	1406
RTOT71	579.2383	73.2477	1406
PCT71	78.1378	6.2074	1406

TABLE A-6

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 9, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	634.6202	83.8590	699
COMPSES	99.3737	9.7698	699
RESR71	619.8406	83.0388	699
E2LI	20.1452	4.6215	699
E2NMIN	53.8412	8.5948	699
T2TQ	99.4381	7.1977	699
E2UO	2.8913	0.2465	699
E2IDM	1.4263	0.2749	699
E2TLDM	2.2797	0.7082	699
E2IIP	1.4549	0.5125	699
E2SC	2.2575	0.7297	699
E2UPA	1.4421	0.5112	699
E2CGO	2.2847	0.7105	699
E2TUC	1.6602	0.7485	699
E2CIP	2.0608	0.5024	699
E2USE	2.3877	0.5510	699
E2DI	6.7110	1.5483	699
T2AGE	32.7014	10.6339	699
T2TSB	104.2890	8.2370	699
RPRESES	0.0000	42.9306	699
RTOT72	634.5522	84.0939	699
PCT72	70.0426	3.1355	699
RTOT71	619.8369	83.0415	699
PCT71	73.[illegible]18	5.2506	699

TABLE A-7

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 10, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	682.1911	82.8197	850
COMPSES	99.5306	10.0231	850
RESR71	668.0597	82.2336	850
E2LI	17.7281	3.5373	850
E2NMIN	57.2000	20.2498	850
T2TQ	104.7408	8.1252	850
E2UO	2.3326	0.5702	850
E2IDM	1.5137	0.3270	850
E2TLDM	1.9729	0.6061	850
E2IIP	1.3965	0.4919	850
E2SC	2.0953	0.7925	850
E2UPA	1.0153	0.1320	850
E2CGO	2.1129	0.7805	850
E2TUC	1.0776	0.2721	850
E2CIP	1.9359	0.5877	850
E2USE	2.2753	0.5856	850
E2DI	6.2008	1.2668	850
T2AGE	39.1673	11.8016	850
T2TSB	101.3770	8.1869	850
RPRESES	0.0000	48.9821	850
RTOT72	682.1318	84.0638	850
PCT72	70.6867	3.3289	850
RTOT71	668.0459	82.3546	850
PCT71	75.1120	5.8338	850

TABLE A-8

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 0, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	350.2002	59.5351	674
COMPSES	100.7225	10.1171	674
RESR72	92.4362	10.9983	674
E3LI	21.2495	3.0718	674
E3NMIN	101.0534	32.1482	674
T3TQ	97.8698	7.4979	674
E3UO	2.7646	0.5427	674
E3IDM	1.5228	0.4800	674
E3TLDM	1.7270	0.3936	674
E3IIP	2.2166	0.4122	674
E3SC	1.7626	0.6021	674
E3UPA	2.0059	0.8533	674
E3CGO	2.3190	0.4664	674
E3TUC	2.3309	0.6224	674
E3CIP	2.1209	0.5340	674
E3USE	2.4792	0.5375	674
E3DI	8.2245	1.5145	674
T3AGE	33.8027	8.3095	674
T3TSB	101.2053	9.8058	674
RPRESES	-0.0000	54.3416	674
RTOT73	350.2003	61.3748	674
PCT73	79.8991	4.4966	674
RTOT72	92.4362	11.0542	674
PCT72	75.5524	3.6827	674

TABLE A-9

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 2, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	431.3790	64.7111	757
COMPSES	99.9656	9.7034	757
RESR72	386.1068	63.4930	757
E3LI	20.8571	3.1877	757
E3NMIN	95.8071	34.3980	757
T3TQ	100.5299	7.1859	757
E3UO	2.6072	0.6690	757
E3IDM	1.5205	0.4598	757
E3TLDM	1.7490	0.3811	757
E3IIP	2.2008	0.4447	757
E3SC	1.7662	0.6168	757
E3UPA	1.9009	0.8322	757
E3CGO	2.3752	0.4845	757
E3TUC	2.2114	0.7230	757
E3CIP	2.0258	0.5748	757
E3USE	2.5002	0.5006	757
E3DI	8.1224	1.4846	757
T3AGE	37.8745	12.2767	757
T3TSB	102.5207	9.5326	757
RPRESES	-0.0001	39.3521	757
RTOT73	431.3791	64.9299	757
PCT73	79.6368	4.4349	757
RTOT72	386.1070	63.9571	757
PCT72	76.0466	3.7855	757

TABLE A-10

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 3, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	470.5610	69.4346	1905
COMPSES	100.2717	9.9880	1905
RESR72	435.0713	60.5637	1905
E3LI	19.5071	3.3185	1905
E3NMIN	100.3465	26.5145	1905
T3TQ	100.6659	8.0506	1905
E3UO	2.5125	0.7244	1905
E3IDM	1.4096	0.4103	1905
E3TLDM	1.8774	0.4497	1905
E3IIP	2.1286	0.6398	1905
E3SC	1.5596	0.5795	1905
E3UPA	1.6283	0.7534	1905
E3CGO	2.1323	0.5654	1905
E3TUC	1.7559	0.7465	1905
E3CIP	1.9420	0.5070	1905
E3USE	2.5608	0.4390	1905
E3DI	7.7274	1.5008	1905
T3AGE	36.6508	10.4135	1905
T3TSB	100.7491	9.4043	1905
RPRESES	0.0000	40.1198	1905
RTOT73	470.5612	69.5747	1905
PCT73	77.0313	5.8901	1905
RTOT72	435.0714	60.5902	1905
PCT72	75.3653	5.1575	1905

TABLE A-11

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 5, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	523.2764	80.0171	1794
COMPSES	99.7159	9.7332	1794
RESR72	512.3121	65.0836	1794
E3LI	18.3549	4.4860	1794
E3NMIN	53.7993	10.0467	1794
T3TQ	98.8352	7.2346	1794
E3UO	2.3634	0.7843	1794
E3IDM	1.2571	0.3406	1794
E3TLDM	2.1458	0.6509	1794
E3IIP	1.8896	0.7363	1794
E3SC	1.5117	0.6460	1794
E3UPA	1.6577	0.7732	1794
E3CGO	1.6589	0.5524	1794
E3TUC	1.5998	0.6996	1794
E3CIP	1.9195	0.5486	1794
E3USE	2.3514	0.7086	1794
E3DI	7.1559	1.7087	1794
T3AGE	35.8580	9.4582	1794
T3TSB	101.6588	9.7157	1794
RPRESES	0.0000	45.1700	1794
RTOT73	523.2765	80.5914	1794
PCT73	77.5363	5.7601	1794
RTOT72	512.3122	65.1055	1794
PCT72	75.4118	5.0156	1794

TABLE A-12

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 7, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	606.8976	81.8762	1241
COMPSES	100.1949	9.9665	1241
RESR72	580.8323	70.6782	1241
E3LI	17.4897	3.6063	1241
E3NMIN	54.0532	5.8346	1241
T3TQ	101.6283	8.2703	1241
E3UO	2.5713	0.6316	1241
E3IDM	1.2581	0.3161	1241
E3TLDM	2.2349	0.4113	1241
E3IIP	1.4722	0.5501	1241
E3SC	1.3634	0.4829	1241
E3UPA	1.3803	0.5377	1241
E3CGO	1.8195	0.3868	1241
E3TUC	1.5435	0.5352	1241
E3CIP	1.8445	0.6176	1241
E3USE	2.0019	0.5715	1241
E3DI	6.1125	1.5675	1241
T3AGE	38.0308	10.7506	1241
T3TSB	99.1951	8.5396	1241
RPRESES	-0.0000	45.7020	1241
RTOT73	606.8977	82.0598	1241
PCT73	75.9727	6.6870	1241
RTOT72	580.8324	70.6847	1241
PCT72	73.6558	5.8291	1241

TABLE A-13

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 8, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	646.9716	86.2912	1238
COMPSES	100.8325	9.9540	1238
RESR72	616.8755	75.8124	1238
E3LI	18.0114	3.6147	1238
E3NMIN	55.0687	7.0148	1238
T3TQ	101.0116	7.6953	1238
E3UO	2.8492	0.2790	1238
E3IDM	1.3067	0.2656	1238
E3TLDM	1.9806	0.4978	1238
E3IIP	1.5436	0.5047	1238
E3SC	1.7197	0.8071	1238
E3UPA	1.3958	0.4892	1238
E3CGO	1.8942	0.7420	1238
E3TUC	1.3239	0.4673	1238
E3CIP	1.9398	0.4044	1238
E3USE	2.0579	0.5713	1238
E3DI	6.3040	1.2436	1238
T3AGE	38.2215	12.0616	1238
T3TSB	98.2629	8.7635	1238
RPRESES	0.0001	48.9328	1238
RTOT73	646.9717	87.8236	1238
PCT73	76.9313	6.6754	1238
RTOT72	616.8756	75.8678	1238
PCT72	73.6652	5.5354	1238

TABLE A-14

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 9, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	683.0778	85.8031	846
COMPSES	101.0075	10.0218	846
RESR72	652.3793	72.6428	846
E3LI	17.7408	3.1266	846
E3NMIN	54.2730	7.1813	846
T3TQ	100.7237	8.8037	846
E3UO	2.3420	0.5714	846
E3IDM	1.4709	0.3084	846
E3TLDM	2.0632	0.4010	846
E3IIP	1.3771	0.5017	846
E3SC	2.0544	0.8152	846
E3UPA	1.0083	0.0906	846
E3CGO	2.0709	0.8139	846
E3TUC	1.0041	0.0453	846
E3CIP	2.0378	0.3881	846
E3USE	2.3121	0.5773	846
E3DI	6.1683	1.2717	846
T3AGE	35.4574	8.2493	846
T3TSB	102.2773	8.3680	846
RPRESES	-0.0000	50.6527	846
RTOT73	683.0780	87.5496	846
PCT73	75.1941	7.4958	846
RTOT72	652.3794	72.8256	846
PCT72	70.8410	3.4112	846

TABLE A-15

Means and Standard Deviations for all Analysis Variables
Reading Total Score Analysis
Cohort 10, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	707.3505	92.5226	676
COMPSES	99.6230	10.0890	676
RESR72	688.1153	76.4556	676
E3LI	18.1183	3.3855	676
E3NMIN	48.6139	15.5465	676
T3TQ	103.2379	9.3914	676
E3UO	2.8057	0.3032	676
E3IDM	1.5750	0.4115	676
E3TLDM	1.5259	0.4385	676
E3IIP	1.6908	0.4689	676
E3SC	2.0237	0.8089	676
E3UPA	1.3536	0.4907	676
E3CGO	2.0237	0.8125	676
E3TUC	1.0518	0.2201	676
E3CIP	2.0288	0.3994	676
E3USE	2.0394	0.3037	676
E3DI	6.6588	1.3721	676
T3AGE	36.0483	7.1164	676
T3TSB	101.9835	7.8239	676
RPRESES	0.0000	56.7929	676
RTOT73	707.3506	93.7547	676
PCT73	75.5035	7.4547	676
RTOT72	688.1154	76.7830	676
PCT72	70.9768	3.3776	676

TABLE B-1

Intercorrelations among Analysis Variables -- Cohort 2, Spring 1972, Reading Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NNIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.33433	0.40794	-0.00498	0.04403	0.09044	-0.02020	-0.04001	-0.00854	0.00506	0.01934	0.00379
COMPSES	0.33433	1.00000	0.14458	0.17377	-0.11800	0.08887	0.28302	0.01738	0.00324	0.17674	0.03027	-0.00064
RESR71	0.40794	0.14458	1.00000	-0.08045	0.05156	-0.10070	-0.00883	-0.11988	-0.12270	0.04421	0.14110	0.02607
E2LI	-0.00498	0.17377	-0.08045	1.00000	-0.31768	0.03970	0.80592	0.71156	0.54836	0.58026	0.60897	0.79450
E2NNIN	0.04403	-0.11800	0.05156	-0.31768	1.00000	-0.12182	-0.12562	-0.38438	0.11741	-0.04326	-0.00798	-0.31847
T2TQ	0.09044	0.08887	-0.10070	0.03970	-0.12182	1.00000	-0.15655	0.12957	0.07460	0.05866	-0.14597	-0.06146
E2UO	-0.02020	0.28302	-0.00883	0.80592	-0.12562	-0.15655	1.00000	0.36003	0.28703	0.55631	0.51432	0.48482
E2IDM	-0.04001	0.01738	-0.11988	0.71156	-0.38438	0.12957	0.36003	1.00000	0.42931	0.40255	0.32396	0.49554
E2TLDM	-0.00854	0.00324	-0.12270	0.54836	0.11741	0.07460	0.28703	0.42931	1.00000	0.02822	0.38600	0.55843
E2IIP	0.00506	0.17674	0.04421	0.58026	-0.04326	0.05866	0.55631	0.40255	0.02822	1.00000	0.26419	0.29129
E2SC	0.01934	0.03027	0.14110	0.60897	-0.00798	-0.14597	0.51432	0.32396	0.38600	0.26419	1.00000	0.76385
E2UPA	0.00379	-0.00064	0.02607	0.79450	-0.31847	-0.06146	0.48482	0.49554	0.55843	0.29129	0.76385	1.00000
E2CGO	-0.01807	-0.06947	0.05087	0.48526	-0.39298	0.04174	0.33692	0.54869	-0.13745	0.43023	0.06375	0.27376
E2TUC	0.01893	0.24556	-0.23657	0.69195	-0.52120	0.13385	0.53427	0.53119	0.26608	0.11693	0.10611	0.42455
E2CIP	-0.05126	0.19158	-0.15695	0.41105	-0.11665	0.04437	0.36951	0.10422	0.46412	0.24547	0.31753	0.37015
E2USE	0.05040	0.22347	-0.19115	0.76847	-0.09240	0.19086	0.64035	0.40800	0.55108	0.36037	0.16696	0.45802
E2DI	0.00808	0.14197	-0.07581	0.96207	-0.27679	0.10171	0.69301	0.75767	0.52635	0.69613	0.52121	0.76566
T2AGE	0.10984	-0.04207	0.05747	-0.25489	-0.12868	0.55927	-0.41055	0.00277	0.05715	-0.31078	-0.15763	-0.19815
T2TSB	-0.08784	-0.06240	0.01987	0.15711	0.08419	-0.09985	0.22943	-0.01428	0.09302	0.28943	0.10215	0.19014
RPRESES	0.88193	0.03894	0.00563	-0.02115	0.06237	0.12117	-0.09992	-0.00032	0.04106	-0.06307	-0.04593	-0.00647
RTOT72	0.99283	0.33941	0.42983	-0.03993	0.05749	0.07909	-0.00983	-0.07120	-0.07327	0.03996	-0.01709	-0.05539
PCT72	-0.00000	0.06262	0.20757	-0.29277	0.11533	-0.08956	0.08555	-0.26339	-0.54215	0.29226	-0.30361	-0.49496
RTOT71	0.42037	0.20017	0.99134	-0.09633	0.05344	-0.09957	0.02444	-0.15333	-0.17241	0.07338	0.09297	-0.03192
PCT71	0.12150	0.43279	-0.00000	-0.12620	0.01772	0.00201	0.25269	-0.26257	-0.38656	0.22499	-0.35717	-0.43982

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	RTOT72	PCT72	RTOT71	PCT71
RESR72	-0.01807	0.01893	-0.05126	0.05040	0.00808	0.10984	-0.08784	0.88193	0.99283	-0.00000	0.42037	0.12150
COMPSES	-0.06947	0.24556	0.19158	0.22347	0.14197	-0.04207	-0.06240	0.03894	0.33941	0.06262	0.20017	0.43279
RESR71	0.05087	-0.23657	-0.15695	-0.19115	-0.07581	0.05747	0.01987	0.00563	0.42983	0.20757	0.99134	-0.00000
E2LI	0.48526	0.69195	0.41105	0.76847	0.96207	-0.25489	0.15711	-0.02115	-0.03993	-0.29277	-0.09633	-0.12620
E2NNIN	-0.39298	-0.52120	-0.11665	-0.09240	-0.27679	-0.12868	0.08419	0.06237	0.05749	0.11533	0.05344	0.01772
T2TQ	0.04174	0.13385	0.04437	0.19086	0.10171	0.55927	-0.09985	0.12117	0.07909	-0.08956	-0.09957	0.00201
E2UO	0.33692	0.53427	0.36951	0.64035	0.69301	-0.41055	0.22943	-0.09992	-0.00983	0.08555	0.02444	0.25269
E2IDM	0.54869	0.53119	0.10422	0.40800	0.75767	0.00277	-0.01428	-0.00032	-0.07120	-0.26339	-0.15333	-0.26257
E2TLDM	-0.13745	0.26608	0.46412	0.55108	0.52635	0.05715	0.09302	0.04106	-0.07327	-0.54215	-0.17241	-0.38656
E2IIP	0.43023	0.11693	0.24547	0.36037	0.69613	-0.31078	0.28943	-0.06307	0.03996	0.29226	0.07338	0.22499
E2SC	0.06375	0.10611	0.31753	0.16696	0.52121	-0.15763	0.10215	-0.04593	-0.01709	-0.30361	0.09297	-0.35717
E2UPA	0.27376	0.42455	0.37015	0.45802	0.76566	-0.19815	0.19014	-0.00647	-0.05539	-0.49496	-0.03192	-0.43982
E2CGO	1.00000	0.44665	-0.46929	0.33716	0.52755	-0.00663	-0.05355	-0.02250	0.00990	0.23299	0.04164	-0.06691
E2TUC	0.44665	1.00000	0.16567	0.72377	0.59795	-0.12291	-0.17702	0.05181	-0.03018	-0.40985	-0.22890	0.04277
E2CIP	-0.46929	0.16567	1.00000	0.32187	0.35890	-0.26133	0.28194	-0.04711	-0.10062	-0.41609	-0.16137	-0.04404
E2USE	0.33716	0.72377	0.32187	1.00000	0.75092	-0.18586	0.15443	0.07508	0.02447	-0.21389	-0.17140	0.13779
E2DI	0.52755	0.59795	0.35890	0.75092	1.00000	-0.24154	0.21714	0.00094	-0.01923	-0.22809	-0.08996	-0.11273
T2AGE	-0.00663	-0.12291	-0.26133	-0.18586	-0.24154	1.00000	-0.21116	0.11393	0.10890	-0.00129	0.03200	-0.19016
T2TSB	-0.05355	-0.17702	0.28194	0.15443	0.21714	-0.21116	1.00000	-0.09159	-0.06011	0.22680	0.03121	0.08770
RPRESES	-0.02250	0.05181	-0.04711	0.07508	0.00094	0.11393	-0.09159	1.00000	0.86301	-0.10540	0.00776	0.01661
RTOT72	0.00990	-0.03018	-0.10062	0.02447	-0.01923	0.10890	-0.06011	0.86301	1.00000	0.11951	0.45212	0.19805
PCT72	0.23299	-0.40985	-0.41609	-0.21389	-0.22809	-0.00129	0.22680	-0.10540	0.11951	1.00000	0.29085	0.64777
RTOT71	0.04164	-0.22890	-0.16137	-0.17140	-0.08996	0.03200	0.03121	0.00776	0.45212	0.29085	1.00000	0.13134
PCT71	-0.06691	0.04277	-0.04404	0.13779	-0.11273	-0.19016	0.08770	0.01661	0.19805	0.64777	0.13134	1.00000

TABLE B-2
Intercorrelations among Analysis Variables -- Cohort 3, Spring 1972, Reading Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.38579	0.83232	0.09705	0.06201	0.00680	0.11746	0.01061	0.05018	0.08302	0.05256	0.04980
COMPSES	0.38579	1.00000	0.39496	0.23471	-0.01468	-0.03296	0.30655	0.10453	0.08819	0.24441	0.15557	0.06388
RESR71	0.83232	0.39496	1.00000	0.13932	0.01462	-0.03055	0.12972	0.03449	0.06491	0.10296	0.12350	0.11171
E2LI	0.09705	0.23471	0.13932	1.00000	0.15143	-0.12220	0.85107	0.59830	0.48433	0.63397	0.64445	0.65090
E2NMIN	0.06201	-0.01468	0.01462	0.15143	1.00000	0.01769	0.23825	-0.02325	0.22309	0.11717	0.23485	-0.08039
T2TQ	0.00680	-0.03296	-0.03055	-0.12220	0.01769	1.00000	-0.11042	0.17138	-0.17142	0.03502	-0.28127	-0.14357
E2UO	0.11746	0.30655	0.12972	0.85107	0.23825	-0.11042	1.00000	0.42797	0.27039	0.58442	0.50031	0.44193
E2IDM	0.01061	0.10453	0.03449	0.59830	-0.02325	0.17138	0.42797	1.00000	0.29960	0.34476	0.42338	0.31823
E2TLDM	0.05018	0.08819	0.06491	0.48433	0.22309	-0.17142	0.27039	0.29960	1.00000	0.14428	0.35288	0.18896
E2IIP	0.08302	0.24441	0.10296	0.63397	0.11717	0.03502	0.58442	0.34476	0.14428	1.00000	0.22248	0.37573
E2SC	0.05256	0.15557	0.12359	0.64445	0.23485	-0.28127	0.50031	0.42338	0.35288	0.22248	1.00000	0.45517
E2UPA	0.04980	0.06388	0.11171	0.65090	-0.08039	-0.14357	0.44193	0.31823	0.18896	0.37573	0.45517	1.00000
E2CGO	0.00376	0.04796	0.04680	0.63488	0.07004	-0.17090	0.55452	0.25839	0.20284	0.38636	0.31565	0.32432
E2TUC	0.01684	0.09288	0.05500	0.63884	-0.26485	-0.01425	0.37873	0.47813	0.20057	0.24525	0.30773	0.35699
E2CIP	0.06689	0.20902	0.07538	0.58790	0.11364	-0.03135	0.56503	0.21585	0.28062	0.43797	0.25540	0.43230
E2USE	0.16704	0.19791	0.14516	0.77717	0.32714	0.04874	0.68445	0.41828	0.41507	0.40045	0.35227	0.36024
E2DI	0.11770	0.21535	0.14545	0.92118	0.13583	0.01504	0.74853	0.63530	0.35537	0.74541	0.48892	0.73391
T2AGE	0.01850	-0.07157	0.00441	-0.35754	-0.10244	0.61314	-0.35511	-0.07307	-0.28290	-0.02995	-0.37415	-0.10286
T2TSB	0.12002	0.29448	0.13974	0.26381	0.14271	-0.37764	0.23240	-0.01077	0.22957	0.15005	0.30972	0.14193
RPRESES	0.58774	0.10338	0.04083	-0.03181	0.09097	0.05735	0.01766	-0.03297	-0.00546	-0.00444	-0.08766	-0.07378
RTOT72	0.99993	0.38375	0.83196	0.09485	0.06254	0.00790	0.11728	0.00722	0.04715	0.08215	0.04856	0.04753
PCT72	0.00000	-0.16464	-0.02439	-0.17956	0.04406	0.08986	-0.01412	-0.27770	-0.24812	-0.07095	-0.32737	-0.18590
RTOT71	0.83402	0.38990	0.99726	0.11977	0.00562	-0.02220	0.12146	0.00895	0.05527	0.09590	0.08972	0.08930
PCT71	0.05380	-0.05379	0.00000	-0.25903	-0.12112	0.11181	-0.10685	-0.34391	-0.12799	-0.09168	-0.45196	-0.29868

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	RTOT72	PCT72	RTOT71	PCT71
RESR72	0.00376	0.01684	0.06689	0.16704	0.11770	0.01850	0.12002	0.58774	0.99993	0.00000	0.83402	0.05380
COMPSES	0.04796	0.09288	0.20902	0.19791	0.21535	-0.07157	0.29448	0.10338	0.38375	-0.16464	0.38990	-0.05379
RESR71	0.04680	0.05500	0.07538	0.14516	0.14545	0.00441	0.13974	0.04083	0.83196	-0.02439	0.99726	0.00000
E2LI	0.63488	0.63684	0.58790	0.77717	0.92118	-0.35754	0.26381	-0.03181	0.09485	-0.17956	0.11977	-0.25903
E2NMIN	0.07004	-0.26485	0.11364	0.32714	0.13583	-0.10244	0.14271	0.09097	0.06254	0.04406	0.00562	-0.12112
T2TQ	-0.17090	-0.01425	-0.03135	0.04874	0.01504	0.61314	-0.37764	0.05735	0.00790	0.08986	-0.02220	0.11181
E2UO	0.55452	0.37873	0.56503	0.68445	0.74853	-0.35511	0.23240	0.01766	0.11728	-0.01412	0.12146	-0.10685
E2IDM	0.25839	0.47913	0.21585	0.41828	0.63530	-0.07307	-0.01077	-0.03297	0.00722	-0.27770	0.00895	-0.34391
E2TLDM	0.20284	0.20057	0.28062	0.41507	0.35537	-0.28290	0.22957	-0.00546	0.04715	-0.24812	0.05527	-0.12799
E2IIP	0.38636	0.24525	0.43797	0.40045	0.74541	-0.02995	0.15005	-0.00444	0.08215	-0.07095	0.09590	-0.09168
E2SC	0.31565	0.30773	0.25540	0.35227	0.48892	-0.37415	0.30972	-0.08766	0.04856	-0.32737	0.08972	-0.45196
E2UPA	0.32432	0.35699	0.43230	0.36024	0.73391	-0.10286	0.14193	-0.07378	0.04753	-0.18590	0.08930	-0.29868
E2CGO	1.00000	0.41993	-0.02174	0.43295	0.49404	-0.24490	0.15986	-0.06219	0.00401	0.02071	0.04512	-0.02098
E2TUC	0.41993	1.00000	0.27877	0.48684	0.52477	-0.24544	0.06764	-0.05133	0.01544	-0.11483	0.04549	-0.12640
E2CIP	-0.02174	0.27877	1.00000	0.50187	0.57209	-0.27090	0.23093	0.00722	0.06618	-0.05795	0.05964	-0.20984
E2USE	0.43295	0.48684	0.50187	1.00000	0.77176	-0.26644	0.15800	0.08678	0.16650	-0.04342	0.14145	-0.04479
E2DI	0.49404	0.52477	0.57209	0.77176	1.00000	-0.17157	0.16933	-0.00307	0.11554	-0.17608	0.12713	-0.24219
T2AGE	-0.24490	-0.24544	-0.27090	-0.26644	-0.17157	1.00000	-0.36073	0.02832	0.02017	0.13723	0.01299	0.11608
T2TSB	0.15986	0.06764	0.23093	0.15800	0.16933	-0.36073	1.00000	0.00794	0.11896	-0.08662	0.13102	-0.11277
RPRESES	-0.06219	-0.05133	0.00722	0.08678	-0.00307	0.02832	0.00794	1.00000	0.58817	0.03856	0.04798	0.09815
RTOT72	0.00401	0.01544	0.06618	0.16650	0.11554	0.02017	0.11896	0.58817	1.00000	0.01221	0.83429	0.06237
PCT72	0.02071	-0.11483	-0.05795	-0.04342	-0.17608	0.13723	-0.08662	0.03856	0.01221	1.00000	0.02767	0.70271
RTOT71	0.04512	0.04549	0.05964	0.14145	0.12713	0.01299	0.13102	0.04798	0.83429	0.02767	1.00000	0.07399
PCT71	-0.02098	-0.12640	-0.20984	-0.04479	-0.24219	0.11608	-0.11277	0.09815	0.06237	0.70271	0.07399	1.00000

TABLE B-3

Intercorrelations among Analysis Variables -- Cohort 5, Spring 1972, Reading Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2MMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.24982	0.84081	-0.01735	0.06124	0.02090	0.06425	-0.05980	-0.05054	0.00027	-0.04374	-0.05344
COMPSES	0.24982	1.00000	0.26043	-0.02154	0.00087	-0.04392	0.13551	-0.12285	-0.07716	-0.01458	-0.00530	-0.07501
RESR71	0.84081	0.26043	1.00000	-0.00566	0.06037	0.01091	0.08156	-0.01602	-0.06326	-0.00650	0.00090	-0.01617
E2LI	-0.01735	-0.02154	-0.00566	1.00000	-0.12577	0.13093	0.75011	0.51333	0.66816	0.76210	0.59370	0.40667
E2MMIN	0.06124	0.00087	0.06037	-0.12577	1.00000	0.02812	-0.00985	0.00871	-0.11836	0.13213	-0.33777	-0.22031
T2TQ	0.02090	-0.04392	0.01091	0.13093	0.02812	1.00000	-0.12630	0.19270	0.32734	0.17096	-0.07756	-0.04884
E2UO	0.06425	0.13551	0.08156	0.75011	-0.00985	-0.12630	1.00000	0.18865	0.32824	0.54500	0.44410	0.10471
E2IDM	-0.05980	-0.12285	-0.01602	0.51333	0.00871	0.19270	0.18865	1.00000	0.39658	0.31062	0.31834	0.42299
E2TLDM	-0.05054	-0.07716	-0.06326	0.66816	-0.11836	0.32734	0.32824	0.39658	1.00000	0.54151	0.38551	0.00751
E2IIP	0.00027	-0.01458	-0.00650	0.76210	0.13213	0.17096	0.54500	0.31062	0.54151	1.00000	0.28187	0.16239
E2SC	-0.04374	-0.00530	0.00090	0.59370	-0.33777	-0.07756	0.44410	0.31834	0.38551	0.28187	1.00000	0.12992
E2UPA	-0.05344	-0.07501	-0.01617	0.40667	-0.22031	-0.04884	0.10471	0.42299	0.00751	0.16239	0.12992	1.00000
E2CGO	-0.02138	-0.08682	-0.01310	0.59407	0.04168	-0.03984	0.40412	0.35806	0.24733	0.23162	0.38521	0.46228
E2TUC	-0.06974	-0.11883	-0.10873	0.65202	-0.28556	0.21460	0.32661	0.26415	0.49105	0.47162	0.32690	0.11159
E2CIP	0.05160	0.09028	0.03346	0.59572	-0.07513	0.11983	0.59805	-0.01648	0.35049	0.66066	0.16563	0.02708
E2USE	0.04187	0.08619	0.05496	0.80372	0.03102	0.18922	0.67515	0.27756	0.55311	0.59508	0.42934	0.16378
E2DI	-0.02176	-0.03627	0.00646	0.89228	-0.02513	0.16399	0.55289	0.64667	0.51804	0.76196	0.40044	0.64498
T2AGE	0.06741	-0.05964	0.03674	0.22225	-0.06147	0.65286	-0.06460	0.05949	0.35772	0.24630	-0.02390	0.02774
T2TSB	0.04840	0.19164	0.00718	0.11192	-0.14973	-0.29484	0.18766	-0.20977	0.13902	0.10591	0.11524	-0.15154
RPRESES	0.55200	0.04909	0.01278	-0.02309	0.02032	0.02238	-0.00834	-0.08441	0.00483	0.01068	-0.08216	-0.07298
RTOT72	0.99901	0.25398	0.84123	-0.01873	0.05430	0.02521	0.05828	-0.05035	-0.04607	-0.01243	-0.03400	-0.04654
PCT72	-0.00000	-0.09918	-0.02813	0.03159	0.15483	-0.09736	0.13291	-0.21136	-0.09938	0.28589	-0.21814	-0.15396
RTOT71	0.84172	0.26130	0.99988	-0.00734	0.06039	0.01124	0.08140	-0.02288	-0.06258	-0.00386	-0.00323	-0.02101
PCT71	0.06445	0.05701	-0.00000	-0.10650	0.00141	0.02119	-0.00978	-0.43687	0.04286	0.16813	-0.26307	-0.30808

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	RTOT72	PCT72	RTOT71	PCT71
RESR72	-0.02138	-0.06974	0.05160	0.04187	-0.02176	0.06741	0.04840	0.55200	0.99901	-0.00000	0.84172	0.06445
COMPSES	-0.08682	-0.11883	0.09028	0.08619	-0.03627	-0.05964	0.19164	0.04909	0.25398	-0.09918	0.26130	0.05701
RESR71	-0.01310	-0.10873	0.03346	0.05496	0.00646	0.03674	0.00718	0.01278	0.84123	-0.02813	0.99988	-0.00000
E2LI	0.59407	0.65202	0.59572	0.80372	0.89228	0.22225	0.11192	-0.02309	-0.01873	0.03159	-0.00734	-0.10650
E2MMIN	0.04168	-0.28556	-0.07513	0.03102	-0.02513	-0.06147	-0.14973	0.02032	0.05430	0.15483	0.06039	0.00141
T2TQ	-0.03984	0.21460	0.11883	0.18922	0.16399	0.65286	-0.29484	0.02238	0.02521	-0.09736	0.01124	0.02119
E2UO	0.40412	0.32661	0.59805	0.67515	0.55289	-0.06460	0.18766	-0.00834	0.05828	0.13291	0.08140	-0.00978
E2IDM	0.35806	0.26415	-0.01648	0.27756	0.64667	0.05949	-0.20977	-0.08441	-0.05035	-0.21136	-0.02288	-0.43687
E2TLDM	0.24733	0.49105	0.35049	0.55311	0.51804	0.35772	0.13902	0.00483	-0.04607	-0.09938	-0.06258	0.04286
E2IIP	0.23162	0.47162	0.66066	0.59508	0.76196	0.24630	0.10591	0.01068	-0.01243	0.28589	-0.00386	0.16813
E2SC	0.38521	0.32690	0.16563	0.42934	0.40044	-0.02390	0.11524	-0.08216	-0.03400	-0.21814	-0.00323	-0.26307
E2UPA	0.46228	0.11159	0.02708	0.16378	0.64498	0.02774	-0.15154	-0.07298	-0.04654	-0.15396	-0.02101	-0.30808
E2CGO	1.00000	0.40925	-0.06590	0.27931	0.47446	0.13469	-0.08086	-0.01833	-0.02103	-0.00748	-0.01529	-0.13979
E2TUC	0.40925	1.00000	0.30393	0.44706	0.46259	0.30042	0.12268	0.03978	-0.07644	0.15242	-0.10766	0.06747
E2CIP	-0.06590	0.30393	1.00000	0.66256	0.51250	0.18061	0.23636	0.04281	0.04252	0.20335	0.03538	0.12207
E2USE	0.27931	0.44706	0.66256	1.00000	0.73632	0.20340	0.17112	-0.00819	0.04217	-0.00771	0.05372	-0.07839
E2DI	0.47446	0.46259	0.51250	0.73632	1.00000	0.19882	-0.01023	-0.04973	-0.02160	-0.00316	0.00339	-0.19567
T2AGE	0.13469	0.30042	0.18061	0.20340	0.19882	1.00000	-0.14990	0.06880	0.06144	0.13295	0.03846	0.10952
T2TSB	-0.08086	0.12268	0.23636	0.17112	-0.01023	-0.14990	1.00000	0.07609	0.04501	0.07520	0.01094	0.23937
RPRESES	-0.01833	0.03978	0.04281	-0.00819	-0.04973	0.06880	0.07609	1.00000	0.54948	0.04446	0.01464	0.11844
RTOT72	-0.02103	-0.07644	0.04252	0.04217	-0.02160	0.06144	0.04501	0.54948	1.00000	-0.04443	0.84164	0.03282
PCT72	-0.00748	0.15242	0.20335	-0.00771	-0.00316	0.13295	0.07520	0.04446	-0.04443	1.00000	-0.01695	0.71067
RTOT71	-0.01529	-0.10766	0.03538	0.05372	0.00339	0.03846	0.01094	0.01464	0.84164	-0.01695	1.00000	0.01572
PCT71	-0.13979	0.06747	0.12207	-0.07839	-0.19567	0.10952	0.23937	0.11844	0.03282	0.71067	0.01572	1.00000

TABLE B-4

Intercorrelations among Analysis Variables -- Cohort 7, Spring 1972, Reading Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2MNIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.31959	0.84147	0.11625	-0.10541	-0.12757	0.09711	0.07855	0.04819	0.04228	0.14197	0.04296
COMPSES	0.31959	1.00000	0.29797	0.16648	-0.25666	-0.20390	0.16523	0.15678	-0.05368	-0.06487	0.30628	0.15638
RESR71	0.84147	0.29797	1.00000	0.06563	-0.11500	-0.11365	0.03913	0.04836	0.03620	-0.00802	0.10833	0.06670
E2LI	0.11625	0.16648	0.06563	1.00000	0.12970	-0.14368	0.89131	0.45999	0.79277	0.78351	0.75666	0.47734
E2MNIN	-0.10541	-0.25666	-0.11500	0.12970	1.00000	0.42916	0.05148	0.47198	0.14801	0.35368	-0.15636	-0.38764
T2TQ	-0.12757	-0.20390	-0.11365	-0.14368	0.42916	1.00000	-0.00585	0.03627	0.01402	-0.12239	-0.20511	-0.26534
E2UO	0.09711	0.16523	0.03913	0.89131	0.05148	-0.00585	1.00000	0.41345	0.64958	0.54488	0.75687	0.33398
E2IDM	0.07855	0.15678	0.04836	0.45999	0.47198	0.03627	0.41345	1.00000	0.16302	0.27770	0.25823	-0.13311
E2TLDM	0.04819	-0.05368	0.03620	0.79277	0.14801	0.01402	0.64958	0.16302	1.00000	0.69404	0.54783	0.50260
E2IIP	0.04228	-0.06487	-0.00802	0.78351	0.35368	-0.12239	0.54488	0.27770	0.69404	1.00000	0.27079	0.31252
E2SC	0.14197	0.30628	0.10833	0.75666	-0.15636	-0.20511	0.75687	0.25823	0.54783	0.27079	1.00000	0.33691
E2UPA	0.04296	0.15638	0.06670	0.47734	-0.38764	-0.26534	0.33398	-0.13311	0.50260	0.31252	0.33691	1.00000
E2CGO	0.18659	0.26689	0.16156	0.37704	-0.71780	-0.33836	0.31576	-0.19911	0.32347	0.15998	0.52212	0.34621
E2TUC	-0.00936	-0.13123	-0.05284	0.49702	0.60770	0.09622	0.29829	0.33234	0.35454	0.82594	-0.06189	0.04464
E2CIP	0.08234	0.13586	0.02713	0.93372	0.36849	-0.09452	0.84012	0.67178	0.63633	0.77257	0.62226	0.30904
E2USE	0.12927	0.22292	0.06547	0.93489	0.15359	-0.15179	0.89547	0.56283	0.61209	0.64432	0.82672	0.23579
E2DI	0.10338	0.16028	0.05940	0.96699	0.16520	-0.19843	0.79635	0.51860	0.74044	0.82786	0.62857	0.55193
T2AGE	-0.11000	-0.15472	-0.11384	0.04594	0.26932	0.67348	0.14628	-0.04006	0.20038	0.02813	0.05431	-0.18179
T2TSB	0.09869	0.19855	0.07704	0.23201	-0.15510	-0.28968	0.12594	-0.02074	0.06953	0.10658	0.34933	0.14615
RPRESES	0.55885	0.12006	0.03441	0.11251	-0.01563	-0.05979	0.11734	0.06905	0.03537	0.09184	0.09257	-0.02480
RTOT72	0.99942	0.31959	0.84109	0.10088	-0.12411	-0.12470	0.09015	0.06809	0.03292	0.02807	0.12511	0.04136
PCT72	-0.00373	-0.00651	-0.00627	0.44967	0.55205	-0.08193	0.20267	0.30615	0.44805	0.41706	0.49309	0.04589
RTOT71	0.84108	0.29740	0.99996	0.06064	-0.11626	-0.11163	0.03459	0.04708	0.03218	-0.01170	0.10231	0.06636
PCT71	0.03845	0.06278	-0.00277	0.56770	0.14496	-0.22940	0.51648	0.14611	0.45824	0.41915	0.68505	0.03806

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	RTOT72	PCT72	RTOT71	PCT71
RESR72	0.18659	-0.00936	0.08234	0.12927	0.10338	-0.11000	0.09869	0.56885	0.99942	-0.00373	0.84108	0.03845
COMPSES	0.26889	-0.13123	0.13586	0.22292	0.16028	-0.15472	0.19855	0.12006	0.31959	-0.00651	0.29740	0.06278
RESR71	0.16156	-0.05284	0.02713	0.06547	0.05940	-0.11384	0.07704	0.03441	0.84109	-0.00627	0.99996	-0.00277
E2LI	0.37704	0.49702	0.93372	0.93489	0.96699	0.04594	0.23201	0.11251	0.10088	0.44967	0.06064	0.56770
E2MNIN	-0.71780	0.60770	0.36849	0.15359	0.16520	0.26932	-0.15510	-0.01563	-0.12411	0.55205	-0.11626	0.14496
T2TQ	-0.33836	0.09622	-0.09452	-0.15179	-0.19843	0.67348	-0.28968	-0.05979	-0.12470	-0.08193	-0.11163	-0.22940
E2UO	0.31576	0.29829	0.84012	0.89547	0.79635	0.14628	0.12594	0.11734	0.09015	0.20267	0.03459	0.51648
E2IDM	-0.19911	0.33234	0.67178	0.56283	0.51860	-0.04006	-0.02074	0.06905	0.06809	0.30615	0.04708	0.14611
E2TLDM	0.32347	0.35454	0.63633	0.61209	0.74044	0.20038	0.06953	0.03537	0.03292	0.44805	0.03218	0.45824
E2IIP	0.15998	0.82594	0.77257	0.64432	0.82786	0.02813	0.10658	0.09184	0.02807	0.41706	-0.01170	0.41915
E2SC	0.52212	-0.06189	0.62226	0.82672	0.62857	0.05431	0.34933	0.09257	0.12511	0.49309	0.10231	0.68505
E2UPA	0.34621	0.04464	0.30904	0.23579	0.55193	-0.18179	0.14615	-0.02480	0.04136	0.04589	0.06636	0.03806
E2CGO	1.00000	-0.21824	0.08474	0.35111	0.28816	-0.11517	0.35162	0.09514	0.19262	-0.18123	0.15971	0.20857
E2TUC	-0.21824	1.00000	0.59678	0.36576	0.56021	0.06370	0.08683	0.06553	-0.01982	0.30797	-0.05303	0.02112
E2CIP	0.08474	0.59678	1.00000	0.92424	0.94509	0.02594	0.13602	0.10876	0.06511	0.50488	0.02226	0.55394
E2USE	0.35111	0.36576	0.92424	1.00000	0.87599	0.04304	0.24793	0.13579	0.11300	0.47585	0.05928	0.70393
E2DI	0.28816	0.56021	0.94509	0.87599	1.00000	-0.04667	0.19239	0.09824	0.08822	0.44372	0.05500	0.50010
T2AGE	-0.11517	0.06370	0.02594	0.04304	-0.04667	1.00000	-0.09993	-0.02788	-0.11291	0.08777	-0.11448	0.07279
T2TSB	0.35162	0.08683	0.13602	0.24793	0.19239	-0.09993	1.00000	0.06199	0.09293	0.16735	0.07604	0.11342
RPRESES	0.09514	0.06553	0.10876	0.13579	0.09824	-0.02788	0.06199	1.00000	0.56835	0.00274	0.03376	0.07425
RTOT72	0.19262	-0.01982	0.06511	0.11300	0.08822	-0.11291	0.09293	0.56835	1.00000	-0.03773	0.84090	0.01584
PCT72	-0.18123	0.30797	0.50488	0.47585	0.44372	0.08777	0.16735	0.00274	-0.03773	1.00000	-0.01210	0.66405
RTOT71	0.15971	-0.05303	0.02226	0.05928	0.05500	-0.11448	0.07604	0.03376	0.84090	-0.01210	1.00000	-0.01155
PCT71	0.20857	0.02112	0.55394	0.70393	0.50010	0.07279	0.11342	0.07425	0.01584	0.66405	-0.01155	1.00000

TABLE B-5

Intercorrelations among Analysis Variables -- Cohort 8, Spring 1972, Reading Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2WHIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.32292	0.83310	0.03105	0.07885	-0.13022	0.09916	0.16473	0.01577	-0.08190	0.14691	-0.09940
COMPSES	0.32292	1.00000	0.33595	0.14992	0.13073	-0.12404	0.22867	0.49235	0.07791	0.00257	0.26187	-0.26871
RESR71	0.83310	0.33595	1.00000	0.03922	0.00769	-0.07143	0.06978	0.19364	0.06936	-0.02054	0.11943	-0.10371
E2LI	0.03105	0.14992	0.03922	1.00000	0.18805	-0.18104	0.75300	0.52991	0.74997	0.76333	0.55422	0.62676
E2WHIN	0.07885	0.13073	0.00769	0.18805	1.00000	-0.36459	0.13836	0.15229	-0.43596	-0.25263	0.73106	-0.13092
T2TQ	-0.13022	-0.12404	-0.07143	-0.18104	-0.36459	1.00000	-0.46734	-0.17509	-0.01168	0.27313	-0.38206	0.04304
E2UO	0.09916	0.22867	0.06978	0.75300	0.13836	-0.46734	1.00000	0.59113	0.57470	0.31990	0.39778	0.37179
E2IDM	0.16473	0.49235	0.19364	0.52991	0.15229	-0.17509	0.59113	1.00000	0.41324	0.28887	0.52094	-0.25101
E2TLDM	0.01577	0.07791	0.06936	0.74997	-0.43596	-0.01168	0.57470	0.41324	1.00000	0.72836	0.19271	0.57723
E2IIP	-0.08190	0.00257	-0.02054	0.76333	-0.25263	0.27313	0.31990	0.28887	0.72836	1.00000	0.05114	0.65604
E2SC	0.14691	0.26187	0.11943	0.55422	0.73106	-0.38206	0.39778	0.52094	0.19271	0.05114	1.00000	0.02158
E2UPA	-0.09940	-0.26871	-0.10371	0.62676	-0.13092	0.04304	0.37179	-0.25101	0.57723	0.65604	0.02158	1.00000
E2CGO	-0.01189	-0.15620	-0.09346	0.25676	0.36635	-0.31902	0.17307	-0.34282	-0.00[illegible]2	-0.07465	0.26427	0.36725
E2TUC	-0.09983	0.01217	-0.03195	0.66167	-0.340[illegible]	0.30434	0.32317	0.28018	0.63089	0.93411	-0.14811	0.54115
E2CIP	0.10104	0.31481	0.06756	0.79935	0.56637	-0.33890	0.76239	0.70252	0.29658	0.41348	0.65836	0.21135
E2USE	0.00085	0.12372	0.01468	0.90063	0.42839	-0.19220	0.56048	0.44585	0.53192	0.65856	0.67465	0.48223
E2DI	-0.03314	0.04734	0.00016	0.94335	0.01998	0.02393	0.57759	0.38205	0.76801	0.91716	0.35813	0.73720
T2AGE	-0.06246	-0.11564	-0.05689	-0.20365	-0.08442	0.75876	-0.53729	-0.21958	-0.17758	0.13890	-0.16816	0.00297
T2TSB	0.12144	0.29312	0.13600	-0.02259	0.01946	-0.03040	0.06065	0.46743	0.15586	-0.24651	0.38823	-0.49966
RPRESES	0.57285	0.07487	0.02390	-0.00371	0.12963	-0.12840	0.07333	0.00550	-0.07502	-0.11781	0.08587	-0.02309
RTOT72	0.99999	0.32255	0.83307	0.03284	0.08033	-0.13208	0.10106	0.16472	0.01717	-0.08173	0.14930	-0.09763
PCT72	-0.00249	-0.07611	-0.00613	0.36987	0.30662	-0.38233	0.39278	-0.00228	0.28829	0.03596	0.49358	0.36641
RTOT71	0.83389	0.33622	0.99868	0.03044	0.01029	-0.05921	0.05017	0.18726	0.05684	-0.02331	0.11677	-0.10982
PCT71	-0.03879	-0.01481	-0.00238	0.16998	-0.05076	-0.23596	0.38019	0.11871	0.24192	0.05457	0.04848	0.12177

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	RTOT72	PCT72	RTOT71	PCT71
RESR72	-0.01189	-0.09983	0.10104	0.00085	-0.03314	-0.06246	0.12144	0.57285	0.99999	-0.00249	0.83389	-0.03879
COMPSES	-0.15620	0.01217	0.31481	0.12372	0.04734	-0.11564	0.29312	0.07487	0.32255	-0.07611	0.33622	-0.01481
RESR71	-0.09346	-0.03195	0.06756	0.01468	0.00016	-0.05689	0.13600	0.02390	0.83307	-0.00613	0.99868	-0.00238
E2LI	0.25676	0.66167	0.79935	0.90063	0.94335	-0.20365	-0.02259	-0.00371	0.03284	0.36987	0.03044	0.16998
E2WHIN	0.36635	-0.34084	0.56637	0.42839	0.01998	-0.08442	0.01946	0.12963	0.08033	0.30662	0.01029	-0.05076
T2TQ	-0.31902	0.30434	-0.33890	-0.19220	0.02393	0.75876	-0.03040	-0.12840	-0.13208	-0.38233	-0.05921	-0.23596
E2UO	0.17307	0.32317	0.76239	0.56048	0.57759	-0.53729	0.06065	0.07333	0.10106	0.39278	0.05017	0.38019
E2IDM	-0.34282	0.28018	0.70252	0.44585	0.38205	-0.21958	0.46743	0.00550	0.16472	-0.00228	0.18726	0.11871
E2TLDM	-0.00812	0.63089	0.29658	0.53192	0.76801	-0.17758	0.15586	-0.07502	0.01717	0.28829	0.05684	0.24192
E2IIP	-0.07465	0.93411	0.41348	0.65856	0.91716	0.13890	-0.24651	-0.11781	-0.08173	0.03596	-0.02331	0.05457
E2SC	0.26427	-0.14811	0.65836	0.67465	0.35813	-0.16816	0.38823	0.08587	0.14930	0.49358	0.11677	0.04848
E2UPA	0.36725	0.54115	0.21135	0.48223	0.73720	0.00297	-0.49966	-0.02309	-0.09763	0.36641	-0.10982	0.12177
E2CGO	1.00000	-0.09645	0.18654	0.24044	0.11061	-0.14035	-0.10186	0.11866	-0.01138	0.10426	-0.07596	-0.33830
E2TUC	-0.09645	1.00000	0.36510	0.54691	0.81002	0.09390	-0.28720	-0.13349	-0.10033	-0.10328	-0.03647	0.08891
E2CIP	0.18654	0.36510	1.00000	0.76081	0.64113	-0.25942	0.02661	0.07896	0.10199	0.19529	0.06427	0.06221
E2USE	0.24044	0.54691	0.76081	1.00000	0.85937	-0.17470	-0.00523	-0.02172	0.00345	0.53766	-0.00101	0.30538
E2DI	0.11061	0.81002	0.64113	0.85937	1.00000	-0.04861	-0.18537	-0.06078	-0.03157	0.32390	-0.00965	0.19117
T2AGE	-0.14035	0.09390	-0.25942	-0.17470	-0.04861	1.00000	-0.03441	-0.02743	-0.06434	-0.38790	-0.03418	-0.44092
T2TSB	-0.10186	-0.28720	0.02661	-0.00523	-0.18537	-0.03441	1.00000	0.01490	0.12162	0.03612	0.13620	-0.00766
RPRESES	0.11866	-0.13349	0.07896	-0.02172	-0.06078	-0.02743	0.01490	1.00000	0.57287	0.00550	0.02728	-0.06646
RTOT72	-0.01138	-0.10033	0.10199	0.00345	-0.03157	-0.06434	0.12162	0.57287	1.00000	0.00235	0.83366	-0.03503
PCT72	0.10426	-0.10328	0.19529	0.53766	0.32390	-0.38790	0.03612	0.00550	0.00235	1.00000	-0.04596	0.77633
RTOT71	-0.07596	-0.03647	0.06427	-0.00101	-0.00965	-0.03418	0.13620	0.02728	0.83366	-0.04596	1.00000	-0.05370
PCT71	-0.33830	0.08891	0.06221	0.30538	0.19117	-0.44092	-0.00766	-0.06646	-0.03503	0.77633	-0.05370	1.00000

TABLE B-6
Intercorrelations among Analysis Variables -- Cohort 9, Spring 1972, Reading Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.32391	0.85878	-0.01016	0.10753	-0.00135	0.20065	0.21578	0.00716	-0.16406	0.03295	-0.14045
COMPSES	0.32391	1.00000	0.31927	-0.14799	0.28146	0.03557	0.21559	0.35959	-0.12975	-0.35783	-0.10213	-0.33586
RESR71	0.85878	0.31927	1.00000	-0.06970	0.10576	0.03041	0.10994	0.14320	-0.05600	-0.18297	-0.02610	-0.15856
E2LI	-0.01016	-0.14799	-0.06970	1.00000	-0.76148	-0.19086	0.73959	0.18339	0.98764	0.87011	0.95674	0.88857
E2NMIN	0.10753	0.28146	0.10576	-0.76148	1.00000	0.12248	-0.31655	0.31562	-0.75107	-0.82175	-0.77131	-0.84191
T2TQ	-0.00135	0.03557	0.03041	-0.19086	0.12248	1.00000	-0.20296	-0.11303	-0.19505	-0.12918	-0.17862	-0.11206
E2UO	0.20065	0.21559	0.10994	0.73959	-0.31655	-0.20296	1.00000	0.68514	0.74900	0.32409	0.76131	0.38201
E2IDM	0.21578	0.35959	0.14320	0.18339	0.31562	-0.11303	0.68514	1.00000	0.13108	-0.16184	0.09227	-0.12313
E2TLDM	0.00716	-0.12975	-0.05600	0.98764	-0.75107	-0.19505	0.74900	0.13108	1.00000	0.82918	0.98048	0.84124
E2IIP	-0.16406	-0.35783	-0.18297	0.87011	-0.82175	-0.12918	0.32409	-0.16184	0.82918	1.00000	0.75897	0.97571
E2SC	0.03295	-0.10213	-0.02610	0.95674	-0.77131	-0.17862	0.76131	0.09227	0.98048	0.75897	1.00000	0.80437
E2UPA	-0.14045	-0.33586	-0.15856	0.88857	-0.84191	-0.11206	0.38201	-0.12313	0.84124	0.97571	0.80437	1.00000
E2CGO	-0.00377	-0.13773	-0.06475	0.99862	-0.76470	-0.19786	0.74969	0.18206	0.99184	0.85958	0.96100	0.87187
E2TUC	-0.13282	-0.33589	-0.15500	0.89654	-0.82515	-0.10917	0.38966	-0.16895	0.86738	0.96561	0.83850	0.99031
E2CIP	0.24191	0.36237	0.14989	0.35913	0.11671	-0.19497	0.82866	0.84089	0.37797	-0.05472	0.34023	-0.07691
E2USE	-0.08783	-0.26714	-0.12404	0.96209	-0.87001	-0.16109	0.53584	-0.06506	0.94611	0.95738	0.91293	0.96230
E2DI	-0.09362	-0.26056	-0.13163	0.95632	-0.80355	-0.15715	0.54573	0.06016	0.91217	0.96512	0.85806	0.97372
T2AGE	-0.09358	-0.11853	-0.03607	-0.31669	0.06708	0.77615	-0.53715	-0.47421	-0.32058	-0.08124	-0.30063	-0.07504
T2TSB	0.09245	0.19562	0.07334	-0.23640	0.36236	-0.12756	0.15382	0.40105	-0.23021	-0.42263	-0.21579	-0.41153
RPRESES	0.53459	0.09446	0.02616	0.09680	0.03235	-0.05317	0.20819	0.18117	0.10784	-0.01465	0.10862	-0.00901
RTOT72	0.99697	0.33464	0.86019	-0.08478	0.17032	0.01178	0.14575	0.21401	-0.06905	-0.22640	-0.04458	-0.20611
PCT72	-0.00305	0.14955	0.04836	-0.95945	0.81095	0.16869	-0.69845	-0.01506	-0.97527	-0.80710	-0.99525	-0.84903
RTOT71	0.85810	0.31969	0.99995	-0.07882	0.11268	0.03223	0.10193	0.14143	-0.06539	-0.18967	-0.03572	-0.16573
PCT71	-0.06824	0.04423	-0.00152	-0.94157	0.71435	0.18825	-0.82689	-0.18335	-0.96970	-0.69204	-0.99322	-0.74101

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	RTOT72	PCT72	RTOT71	PCT71
RESR72	-0.00377	-0.13282	0.24191	-0.08783	-0.09362	-0.09358	0.09245	0.53459	0.99697	-0.00305	0.85810	-0.06824
COMPSES	-0.13773	-0.33589	0.36237	-0.26714	-0.26056	-0.11853	0.19562	0.09446	0.33464	0.14955	0.31969	0.04423
RESR71	-0.06475	-0.15500	0.14989	-0.12404	-0.13163	-0.03607	0.07334	0.02616	0.86019	0.04896	0.99995	-0.00152
E2LI	0.99862	0.89654	0.35913	0.96209	0.95632	-0.31669	-0.23640	0.09680	-0.08478	-0.95945	-0.07882	-0.94157
E2NMIN	-0.76470	-0.82515	0.11671	-0.87001	-0.80355	0.06708	0.36236	0.03235	0.17032	0.81095	0.11268	0.71435
T2TQ	-0.19786	-0.10917	-0.19497	-0.16109	-0.15715	0.77615	-0.12756	-0.05317	0.01178	0.16869	0.03223	0.18825
E2UO	0.74969	0.38966	0.82866	0.53584	0.54573	-0.53715	0.15382	0.20819	0.14575	-0.69845	0.10193	-0.82689
E2IDM	0.18206	-0.16895	0.84089	-0.06506	0.06016	-0.47421	0.40105	0.18117	0.21401	-0.01506	0.14143	-0.18335
E2TLDM	0.99184	0.86738	0.37797	0.94611	0.91217	-0.32058	-0.23021	0.10784	-0.06905	-0.97927	-0.06539	-0.96970
E2IIP	0.85958	0.96561	-0.05472	0.95738	0.96512	-0.08124	-0.42263	-0.01465	-0.22640	-0.80710	-0.18967	-0.69204
E2SC	0.96100	0.83850	0.34023	0.91293	0.85806	-0.30063	-0.21579	0.10862	-0.04458	-0.99525	-0.03572	-0.99322
E2UPA	0.87187	0.99031	-0.07691	0.96230	0.97372	-0.07504	-0.41153	-0.00901	-0.20611	-0.84903	-0.16573	-0.74101
E2CGO	1.00000	0.88124	0.38292	0.95821	0.94571	-0.32987	-0.22667	0.10100	-0.07858	-0.96157	-0.07393	-0.94835
E2TUC	0.88124	1.00000	-0.08214	0.96768	0.96096	-0.06511	-0.42515	0.00003	-0.20109	-0.88224	-0.16250	-0.77581
E2CIP	0.38292	-0.08214	1.00000	0.11396	0.14633	-0.57622	0.36322	0.22115	0.22134	-0.25563	0.14566	-0.43703
E2USE	0.95821	0.96768	0.11396	1.00000	0.97893	-0.18485	-0.35650	0.03606	-0.16080	-0.94096	-0.13244	-0.86807
E2DI	0.94571	0.96096	0.14633	0.97893	1.00000	-0.20164	-0.33143	0.03717	-0.16222	-0.88501	-0.13952	-0.81520
T2AGE	-0.32987	-0.06511	-0.57622	-0.18485	-0.20164	1.00000	-0.38349	-0.12193	-0.07341	0.25592	-0.03268	0.35029
T2TSB	-0.22667	-0.42515	0.36322	-0.35650	-0.33143	-0.38349	1.00000	0.05737	0.11274	0.26408	0.07484	0.15543
RPRESES	0.10100	0.00003	0.22115	0.03606	0.03717	-0.12193	0.05737	1.00000	0.52622	-0.08847	0.02489	-0.13133
RTOT72	-0.07858	-0.20109	0.22134	-0.16080	-0.16222	-0.07341	0.11274	0.52622	1.00000	0.07476	0.86024	0.00798
PCT72	-0.96157	-0.88224	-0.25563	-0.94096	-0.88501	0.25592	0.26408	-0.08847	0.07476	1.00000	0.05842	0.97718
RTOT71	-0.07393	-0.16250	0.14566	-0.13244	-0.13952	-0.03268	0.07484	0.02489	0.86024	0.05842	1.00000	0.00816
PCT71	-0.94835	-0.77581	-0.43703	-0.86807	-0.81520	0.35029	0.15543	-0.13133	0.00798	0.97718	0.00816	1.00000

TABLE B-7

Intercorrelations among Analysis Variables -- Cohort 10, Spring 1972, Reading Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.13084	0.80622	0.02601	0.03786	0.07731	0.17646	0.10863	0.02066	-0.16088	0.02226	-0.10792
COMPSES	0.13084	1.00000	0.11989	-0.03809	0.21903	0.10241	0.31614	0.08489	-0.02832	-0.27123	-0.10820	-0.08134
RESR71	0.80622	0.11989	1.00000	-0.01597	0.04798	0.06118	0.17293	0.06372	-0.02135	-0.17092	-0.02169	-0.09014
E2LI	0.02601	-0.03809	-0.01597	1.00000	-0.19520	0.34430	-0.26742	0.89890	0.99100	0.69007	0.92495	0.15350
E2NMIN	0.03786	0.21903	0.04798	-0.19520	1.00000	-0.05197	0.68400	0.16290	-0.12038	-0.62399	-0.43985	0.01604
T2TQ	0.07731	0.10241	0.06118	0.34430	-0.05197	1.00000	0.05213	0.38368	0.33507	0.08430	0.32834	-0.08283
E2UO	0.17646	0.31614	0.17293	-0.26742	0.68400	0.05213	1.00000	0.09484	-0.26816	-0.83329	-0.54197	0.13576
E2IDM	0.10863	0.08489	0.06372	0.89890	0.16290	0.38368	0.09484	1.00000	0.89828	0.33352	0.74410	0.12698
E2TLDM	0.02066	-0.02832	-0.02135	0.99100	-0.12038	0.33507	-0.26816	0.89828	1.00000	0.67216	0.91631	0.08613
E2IIP	-0.16088	-0.27123	-0.17092	0.69007	-0.62399	0.08430	-0.83329	0.33352	0.67216	1.00000	0.79735	0.17857
E2SC	0.02226	-0.10820	-0.02169	0.92495	-0.43985	0.32834	-0.54197	0.74410	0.91631	0.79735	1.00000	-0.03646
E2UPA	-0.10792	-0.08134	-0.09014	0.15350	0.01604	-0.08283	0.13576	0.12698	0.08613	0.17857	-0.03646	1.00000
E2CGO	-0.00970	-0.12161	-0.04830	0.94363	-0.44353	0.30582	-0.54679	0.73851	0.93150	0.84360	0.98418	0.00608
E2TUC	-0.02959	0.10203	-0.02359	0.17328	0.86026	0.01404	0.33441	0.45123	0.24127	-0.19506	-0.04527	0.09803
E2CIP	0.14236	0.17323	0.09850	0.77790	0.17492	0.36909	0.36310	0.87436	0.77135	0.14101	0.54163	0.11131
E2USE	-0.08357	-0.22261	-0.10861	0.78837	-0.67989	0.18692	-0.75271	0.46209	0.75885	0.96330	0.90188	0.14352
E2DI	-0.08431	-0.19478	-0.10952	0.88042	-0.51284	0.20955	-0.63286	0.61449	0.85263	0.93828	0.91478	0.27269
T2AGE	-0.01275	-0.00648	-0.00029	0.00036	-0.06430	0.81277	-0.20703	-0.03121	0.01350	0.10183	0.08534	-0.14224
T2TSB	0.08785	0.13840	0.07909	0.11782	0.17013	-0.02057	0.52940	0.26798	0.09049	-0.29662	-0.04075	0.16980
RPRESES	0.59965	0.05245	0.01002	0.06583	-0.00233	0.04730	0.06240	0.09693	0.06399	-0.03908	0.06768	-0.06002
RTOT72	0.98554	0.15220	0.80139	-0.12589	0.11995	0.02518	0.27866	-0.00903	-0.12975	-0.30064	-0.14662	-0.09834
PCT72	0.00202	0.13754	0.04194	-0.89431	0.48785	-0.30093	0.61867	-0.68500	-0.88595	-0.83894	-0.99486	0.04709
RTOT71	0.80289	0.12353	0.99872	-0.06381	0.06716	0.04313	0.19541	0.02318	-0.06874	-0.20810	-0.07185	-0.08878
PCT71	-0.04248	0.07539	0.00380	-0.94706	0.38096	-0.35539	0.44990	-0.80035	-0.93822	-0.74066	-0.99313	0.02438

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	RTOT72	PCT72	RTOT71	PCT71
RESR72	-0.00970	-0.02959	0.14236	-0.08357	-0.08431	-0.01275	0.08785	0.59965	0.98554	0.00202	0.80289	-0.04248
COMPSES	-0.12161	0.10203	0.17323	-0.22261	-0.19478	-0.00648	0.13840	0.05245	0.15220	0.13754	0.12353	0.07539
RESR71	-0.04830	-0.02359	0.09850	-0.10861	-0.10952	-0.00029	0.07909	0.01002	0.80139	0.04194	0.99872	0.00380
E2LI	0.94363	0.17328	0.77790	0.78837	0.88042	0.00036	0.11782	0.06583	-0.12589	-0.89431	-0.06381	-0.94706
E2NMIN	-0.44353	0.86026	0.17492	-0.67989	-0.51284	-0.06430	0.17013	-0.00233	0.11995	0.48785	0.06716	0.38096
T2TQ	0.30582	0.01404	0.36909	0.18692	0.20955	0.81277	-0.02057	0.04730	0.02518	-0.30093	0.04313	-0.35539
E2UO	-0.54679	0.33441	0.36310	-0.75271	-0.63286	-0.20703	0.52940	0.06240	0.27866	0.61867	0.19541	0.44990
E2IDM	0.73851	0.45123	0.87436	0.46209	0.61449	-0.03121	0.26798	0.09693	-0.00903	-0.68500	0.02318	-0.80035
E2TLDM	0.93150	0.24127	0.77135	0.75885	0.85263	0.01350	0.09049	0.06399	-0.12975	-0.88595	-0.06874	-0.93822
E2IIP	0.84360	-0.19506	0.14101	0.96330	0.93828	0.10183	-0.29662	-0.03908	-0.30064	-0.83894	-0.20810	-0.74066
E2SC	0.98418	-0.04527	0.54163	0.90188	0.91478	0.08534	-0.04075	0.06768	-0.14662	-0.99486	-0.07185	-0.99313
E2UPA	0.00608	0.09803	0.11131	0.14352	0.27269	-0.14224	0.16980	-0.06002	-0.09834	0.04709	-0.08878	0.02438
E2CGO	1.00000	-0.03025	0.57174	0.92151	0.94480	0.06716	-0.04965	0.04972	-0.17575	-0.98091	-0.09752	-0.97517
E2TUC	-0.03025	1.00000	0.27419	-0.27718	-0.07717	0.00842	0.01378	-0.01882	-0.01579	0.07889	-0.02318	0.00743
E2CIP	0.57174	0.27419	1.00000	0.28919	0.42575	-0.13821	0.45093	0.10634	0.06148	-0.46496	0.06704	-0.61956
E2USE	0.92151	-0.27718	0.28919	1.00000	0.97053	0.08353	-0.17386	0.00705	-0.23944	-0.92726	-0.15202	-0.86209
E2DI	0.94480	-0.07717	0.42575	0.97053	1.00000	0.05527	-0.10866	0.00685	-0.23999	-0.92630	-0.15434	-0.89016
T2AGE	0.06716	0.00842	-0.13821	0.08353	0.05527	1.00000	-0.43374	-0.02112	-0.02999	-0.10285	-0.00357	-0.06486
T2TSB	-0.04965	0.01378	0.45093	-0.17386	-0.10866	-0.43374	1.00000	0.04066	0.10322	0.09838	0.07786	-0.02204
RPRESES	0.04972	-0.01882	0.10634	0.00705	0.00685	-0.02112	0.04066	1.00000	0.58160	-0.05420	0.00609	-0.07748
RTOT72	-0.17575	-0.01579	0.06148	-0.23944	-0.23999	-0.02999	0.10322	0.58160	1.00000	0.17142	0.80649	0.12416
PCT72	-0.98091	0.07889	-0.46496	-0.92726	-0.92630	-0.10285	0.09838	-0.05420	0.17142	1.00000	0.09140	0.97990
RTOT71	-0.09752	-0.02318	0.06704	-0.15202	-0.15434	-0.00357	0.07786	0.00609	0.80649	0.09140	1.00000	0.05434
PCT71	-0.97517	0.00743	-0.61956	-0.86209	-0.89016	-0.06486	-0.02204	-0.07748	0.12416	0.97990	0.05434	1.00000

TABLE B-8

Intercorrelations among Analysis Variables -- Cohort 0, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3MMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.22746	0.38665	-0.00961	0.00175	0.03477	0.06533	-0.00661	-0.13073	0.01661	-0.03818	-0.02333
COMPSES	0.22746	1.00000	0.25791	0.19276	0.01817	-0.06232	0.23306	0.10820	0.04274	0.07664	-0.08920	0.05614
RESR72	0.38665	0.25791	1.00000	0.10781	0.00803	-0.04098	0.24466	0.01084	-0.14928	0.03052	0.02435	0.06323
E3LI	-0.00961	0.19276	0.10781	1.00000	-0.45868	-0.35796	0.66161	0.71750	0.34358	0.12955	0.76002	0.84413
E3MMIN	0.00175	0.01817	0.00803	-0.45868	1.00000	0.05372	-0.00138	-0.61094	-0.27990	-0.29922	-0.36778	-0.63156
T3TQ	0.03477	-0.06232	-0.04098	-0.35796	0.05372	1.00000	-0.30571	-0.28020	0.07820	-0.42691	-0.29484	-0.24482
E3UO	0.06533	0.23306	0.24466	0.66161	-0.00138	-0.30571	1.00000	0.17780	-0.32450	0.22828	0.37439	0.37739
E3IDM	-0.00661	0.10820	0.01084	0.71750	-0.61094	-0.28020	0.17780	1.00000	0.30952	0.11022	0.74363	0.68056
E3TLDM	-0.13073	0.04274	-0.14928	0.34358	-0.27990	0.07820	-0.32450	0.30952	1.00000	-0.36301	0.23710	0.47380
E3IIP	0.01661	0.07664	0.03052	0.12955	-0.29922	-0.42691	0.22828	0.11022	-0.36301	1.00000	-0.00803	-0.01633
E3SC	-0.03818	-0.08920	0.02435	0.76002	-0.36778	-0.29484	0.37439	0.74363	0.23710	-0.00803	1.00000	0.59850
E3UPA	-0.02333	0.05614	0.06323	0.84413	-0.63156	-0.24482	0.37739	0.68056	0.47380	-0.01633	0.59850	1.00000
E3CGO	0.06006	-0.16329	0.12222	0.08022	-0.49115	-0.09182	0.29711	0.17660	-0.53663	0.38968	0.22240	0.08484
E3TUC	0.00598	0.24742	0.09646	0.55045	0.20960	0.03420	0.44062	0.17208	0.40866	-0.56060	0.30899	0.37681
E3CIP	-0.02122	0.17494	-0.00757	0.56104	-0.10697	-0.43467	0.38039	0.24869	0.15376	0.53896	0.30661	0.40281
E3USE	0.00983	0.37179	0.10744	0.59944	0.06446	-0.02582	0.51071	0.20377	0.38286	-0.27918	0.20818	0.33290
E3DI	-0.00723	0.21873	0.08550	0.95099	-0.60802	-0.35211	0.51237	0.80268	0.40210	0.19885	0.64458	0.89280
T3AGE	-0.02076	-0.01919	-0.10640	-0.40657	0.07342	0.49692	-0.35916	-0.37920	-0.01468	-0.10462	-0.48660	-0.25866
T3TSB	0.07973	0.01585	-0.00167	0.18390	-0.29074	-0.40346	0.09604	0.23265	-0.09447	0.10308	0.12449	0.23766
RPRESES	0.91537	0.01201	0.00310	-0.07862	-0.00368	0.06246	-0.05474	-0.02633	-0.09165	-0.00413	-0.03890	-0.05765
RTOT73	0.97002	0.33660	0.37598	0.00163	0.06149	0.06128	0.08683	-0.00159	-0.07031	-0.02785	-0.11000	-0.06003
PCT73	0.00000	0.47721	0.00376	0.04511	0.24605	0.11340	0.09653	0.01983	0.23250	-0.18089	-0.30026	-0.15390
RTOT72	0.39124	0.24910	0.99494	0.04110	0.02137	-0.02110	0.22982	-0.05079	-0.21369	0.05814	-0.03755	-0.00295
PCT72	0.06518	-0.07463	-0.00000	-0.65850	0.13311	0.19579	-0.13538	-0.61279	-0.64857	0.27645	-0.61487	-0.65554

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	0.06006	0.00598	-0.02122	0.00983	-0.00723	-0.02076	0.07973	0.91537	0.97002	0.00000	0.39124	0.06518
COMPSES	-0.16329	0.24742	0.17494	0.37179	0.21873	-0.01919	0.01585	0.01201	0.33660	0.47721	0.24910	-0.07463
RESR72	0.12222	0.09646	-0.00757	0.10744	0.08550	-0.10640	-0.00167	0.00310	0.37598	0.00376	0.99494	-0.00000
E3LI	0.08022	0.55045	0.56104	0.59944	0.95099	-0.40657	0.18390	-0.07862	0.00163	0.04511	0.04110	-0.65850
E3MMIN	-0.49115	0.20960	-0.10697	0.06446	-0.60802	0.07342	-0.29074	-0.00368	0.06149	0.24605	0.02137	0.13311
T3TQ	-0.09182	0.03420	-0.43467	-0.02582	-0.35211	0.49692	-0.40346	0.06246	0.06128	0.11340	-0.02110	0.19579
E3UO	0.29711	0.44062	0.38039	0.51071	0.51237	-0.35916	0.09604	-0.05474	0.08683	0.09653	0.22982	-0.13538
E3IDM	0.17660	0.17208	0.24869	0.20377	0.80268	-0.37920	0.23265	-0.02633	-0.00159	0.01983	-0.05079	-0.61279
E3TLDM	-0.53663	0.40866	0.15376	0.38286	0.40210	-0.01468	-0.09447	-0.09165	-0.07031	0.23250	-0.21369	-0.64857
E3IIP	0.38968	-0.56060	0.53896	-0.27918	0.19885	-0.10462	0.10308	-0.00413	-0.02785	-0.18089	0.05814	0.27645
E3SC	0.22240	0.30899	0.30661	0.20818	0.64458	-0.48660	0.12449	-0.03890	-0.11000	-0.30026	-0.03755	-0.61487
E3UPA	0.08484	0.37681	0.40281	0.33290	0.89280	-0.25866	0.23766	-0.05765	-0.06003	-0.15390	-0.00295	-0.65554
E3CGO	1.00000	-0.48948	-0.28336	-0.30840	0.10038	-0.15970	0.24441	0.04128	-0.06115	-0.49139	0.16346	0.41664
E3TUC	-0.48948	1.00000	0.14434	0.85706	0.41841	-0.15169	-0.07378	-0.06470	0.11758	0.45998	0.03665	-0.59038
E3CIP	-0.28336	0.14434	1.00000	0.17660	0.51515	-0.14564	0.09129	-0.04445	-0.02083	-0.00101	-0.04545	-0.37737
E3USE	-0.30840	0.85706	0.17660	1.00000	0.53105	-0.11663	0.00231	-0.08186	0.15207	0.58656	0.06771	-0.38998
E3DI	0.10038	0.41841	0.51515	0.53105	1.00000	-0.33578	0.23651	-0.07100	0.01206	0.07851	0.02210	-0.62671
T3AGE	-0.15970	-0.15169	-0.14564	-0.11663	-0.33578	1.00000	-0.26800	0.02086	-0.01887	0.00523	-0.07103	0.34669
T3TSB	0.24441	-0.07378	0.09129	0.00231	0.23651	-0.26800	1.00000	0.08580	0.05129	-0.10717	0.00483	0.06456
RPRESES	0.04128	-0.06470	-0.04445	-0.08186	-0.07100	0.02086	0.08580	1.00000	0.87158	-0.06726	0.01129	0.08170
RTOT73	-0.06115	0.11758	-0.02083	0.15207	0.01206	-0.01887	0.05129	0.87158	1.00000	0.24301	0.37685	0.02760
PCT73	-0.49139	0.45998	-0.00101	0.58656	0.07851	0.00523	-0.10717	-0.06726	0.24301	1.00000	-0.01099	-0.14658
RTOT72	0.16346	0.03665	-0.04545	0.06771	0.02210	-0.07103	0.00483	0.01129	0.37685	-0.01099	1.00000	0.10047
PCT72	0.41664	-0.59038	-0.37737	-0.38998	-0.62671	0.34669	0.06456	0.08170	0.02760	-0.14658	0.10047	1.00000

TABLE B-9

Intercorrelations among Analysis Variables -- Cohort 2, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3WMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.31065	0.79317	0.01807	-0.08730	0.01730	0.09065	-0.03463	-0.13107	0.03046	-0.06474	0.03728
COMPSES	0.31065	1.00000	0.30570	0.20705	0.11379	0.00569	0.38747	0.04523	-0.14107	0.15783	-0.06424	-0.00212
RESR72	0.79317	0.30570	1.00000	0.06811	-0.08557	0.04180	0.08685	0.01797	-0.06144	0.01007	-0.02081	0.09893
E3LI	0.01807	0.20705	0.06811	1.00000	-0.14987	-0.19343	0.72316	0.79622	0.19364	0.19711	0.70463	0.84514
E3WMIN	-0.08730	0.11379	-0.08557	-0.14987	1.00000	0.08913	-0.01770	-0.36487	0.20012	-0.16800	-0.33617	-0.29409
T3TQ	0.01730	0.00569	0.04180	-0.19343	0.08913	1.00000	-0.13507	-0.18521	-0.01722	-0.01795	-0.15071	-0.19081
E3UO	0.09065	0.38747	0.08685	0.72316	-0.01770	-0.13507	1.00000	0.41896	-0.41139	0.30699	0.36700	0.41471
E3IDM	-0.03463	0.04523	0.01797	0.79622	-0.36487	-0.18521	0.41896	1.00000	0.14764	0.13514	0.76085	0.75144
E3TLDM	-0.13107	-0.14107	-0.06144	0.19364	0.20012	-0.01722	-0.41139	0.14764	1.00000	-0.40860	0.13265	0.35940
E3IIP	0.03046	0.15783	0.01007	0.19711	-0.16800	-0.01795	0.30699	0.13514	-0.40860	1.00000	0.02190	0.01451
E3SC	-0.06474	-0.06424	-0.02081	0.70463	-0.33617	-0.15071	0.36700	0.76085	0.13265	0.02190	1.00000	0.57843
E3UPA	0.03728	-0.00212	0.09893	0.84514	-0.29409	-0.19081	0.41471	0.75144	0.35940	0.01451	0.57843	1.00000
E3CGO	0.05124	-0.11816	0.01508	0.13125	-0.59681	-0.11117	0.37908	0.20495	-0.66062	0.30071	0.39574	0.06935
E3TUC	0.02111	0.30026	0.06069	0.56501	0.20038	-0.04849	0.47726	0.34575	0.32119	-0.37905	0.20144	0.36242
E3CIP	-0.03213	0.18325	0.00349	0.55804	0.08161	-0.11346	0.28322	0.28790	0.28770	0.56457	0.14574	0.48100
E3USE	0.07304	0.27927	0.09392	0.49066	0.49890	-0.04128	0.40136	0.14447	0.33308	-0.29927	0.14225	0.33291
E3DI	0.04392	0.15427	0.09571	0.94484	-0.15994	-0.18362	0.58952	0.82012	0.23712	0.24859	0.61441	0.90989
T3AGE	-0.02179	-0.12154	0.01189	-0.24877	0.02940	0.74238	-0.26757	-0.14799	0.07496	-0.16911	-0.00091	-0.18908
T3TSB	0.02648	0.04771	0.06464	0.11463	-0.09213	-0.36631	-0.00655	-0.02102	0.18878	0.18350	-0.16205	0.20795
RPRESES	0.63399	0.10476	0.03203	-0.06047	-0.03734	-0.02460	0.03174	-0.08056	-0.13506	0.03436	-0.07888	-0.06395
RTOT73	0.99663	0.34792	0.79158	0.02857	-0.04469	0.02787	0.12402	-0.03729	-0.13478	0.02178	-0.08244	0.02287
PCT73	0.00000	0.46719	0.01321	0.12886	0.51589	0.12955	0.41061	-0.03376	-0.05055	-0.10464	-0.21846	-0.17409
RTOT72	0.79624	0.31089	0.99274	0.00095	-0.10547	0.04621	0.08740	-0.04906	-0.15260	0.03422	-0.07179	0.01680
PCT72	0.07339	0.06153	0.00000	-0.55446	-0.17071	0.03916	0.00982	-0.55632	-0.76183	0.20141	-0.42525	-0.67702

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	0.05124	0.02111	-0.03213	0.07304	0.04392	-0.02179	0.02648	0.63399	0.99663	0.00000	0.79624	0.07339
COMPSES	-0.11816	0.30026	0.18325	0.27927	0.15427	-0.12154	0.04771	0.10476	0.34792	0.46719	0.31089	0.06153
RESR72	0.01508	0.06069	0.00349	0.09392	0.09571	0.01189	0.06464	0.03203	0.79158	0.01321	0.99274	0.00000
E3LI	0.13125	0.56501	0.55804	0.49066	0.94484	-0.24877	0.11463	-0.06047	0.02857	0.12886	0.00095	-0.55446
E3WMIN	-0.59681	0.20038	0.08161	0.49890	-0.15994	0.02940	-0.09213	-0.03734	-0.04469	0.51589	-0.10547	-0.17071
T3TQ	-0.11117	-0.04849	-0.11346	-0.04128	-0.18362	0.74238	-0.36631	-0.02460	0.02787	0.12955	0.04621	0.03916
E3UO	0.37908	0.47726	0.28322	0.40136	0.58952	-0.26757	-0.00655	0.03174	0.12402	0.41061	0.08740	0.00982
E3IDM	0.20495	0.34575	0.28790	0.14447	0.82012	-0.14799	-0.02102	-0.08056	-0.03729	-0.03376	-0.04906	-0.55632
E3TLDM	-0.66062	0.32119	0.28770	0.33308	0.23712	0.07496	0.18678	-0.13506	-0.13478	-0.05055	-0.15260	-0.76183
E3IIP	0.30071	-0.37905	0.56457	-0.29927	0.24859	-0.16911	0.18350	0.03436	0.02178	-0.10464	0.03422	0.20141
E3SC	0.39574	0.20144	0.14574	0.14225	0.61441	-0.00091	-0.16205	-0.07888	-0.08244	-0.21846	-0.07179	-0.42525
E3UPA	0.06935	0.36242	0.48100	0.33291	0.90989	-0.18908	0.20795	-0.06395	0.02287	-0.17409	0.01680	-0.67702
E3CGO	1.00000	-0.25877	-0.30551	-0.46936	0.03414	-0.03233	-0.10974	0.06740	0.01490	-0.44095	0.06624	0.42636
E3TUC	-0.25877	1.00000	0.06487	0.61566	0.40431	-0.15363	0.04747	-0.04788	0.07020	0.59936	0.01304	-0.39264
E3CIP	-0.30551	0.06487	1.00000	0.26472	0.61716	-0.31635	0.31971	-0.06071	-0.02353	0.10349	-0.04378	-0.39283
E3USE	-0.46936	0.61566	0.26472	1.00000	0.47893	-0.06562	-0.02415	-0.00412	0.10848	0.43513	0.04792	-0.37684
E3DI	0.03414	0.40431	0.61716	0.47893	1.00000	-0.22460	0.15687	-0.05190	0.04438	0.00735	0.02063	-0.61855
T3AGE	-0.03233	-0.15363	-0.31635	-0.06562	-0.22460	1.00000	-0.31718	-0.04860	-0.03140	-0.11811	0.00071	-0.09227
T3TSB	-0.10974	0.04747	0.31971	-0.02415	0.15687	-0.31718	1.00000	-0.03922	0.01941	-0.08512	0.05162	-0.10438
RPRESES	0.06740	-0.04788	-0.06071	-0.00412	-0.05190	-0.04860	-0.03922	1.00000	0.62976	-0.02556	0.04617	0.11951
RTOT73	0.01490	0.07020	-0.02353	0.10848	0.04438	-0.03140	0.01941	0.62976	1.00000	0.08202	0.79418	0.06937
PCT73	-0.44095	0.59936	0.10349	0.43513	0.00735	-0.11811	-0.08512	-0.02556	0.08202	1.00000	0.00759	-0.04595
RTOT72	0.06624	0.01304	-0.04378	0.04792	0.02063	0.00071	0.05162	0.04617	0.79418	0.00759	1.00000	0.12025
PCT72	0.42636	-0.39264	-0.39283	-0.37684	-0.61855	-0.09227	-0.10438	0.11951	0.06937	-0.04595	0.12025	1.00000

TABLE B-10

Intercorrelations among Analysis Variables -- Cohort 3, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3MMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.42627	0.81462	-0.01360	-0.09220	-0.02418	0.04378	-0.13725	-0.03547	-0.06482	-0.01093	0.01439
COMPSES	0.42627	1.00000	0.38849	0.09473	-0.10361	-0.09600	0.24202	-0.19957	-0.06161	-0.07962	0.02223	0.07166
RESR72	0.81462	0.38849	1.00000	-0.01029	-0.05014	0.02382	0.07990	-0.10032	-0.02619	-0.03038	-0.05854	0.02493
E3LI	-0.01360	0.09473	-0.01029	1.00000	0.11239	-0.16930	0.71516	0.60370	0.34653	0.54660	0.53365	0.68202
E3MMIN	-0.09220	-0.10361	-0.05014	0.11239	1.00000	0.00984	0.13864	0.00556	0.28064	0.20018	-0.12880	-0.28916
T3TQ	-0.02418	-0.09600	0.02382	-0.16930	0.00984	1.00000	-0.03416	-0.04393	0.19892	0.06191	-0.38620	-0.06166
E3UO	0.04378	0.24202	0.07990	0.71516	0.13864	-0.03416	1.00000	0.25126	0.22112	0.58099	0.15804	0.27024
E3IDM	-0.13725	-0.19957	-0.10032	0.60370	0.00556	-0.04393	0.25126	1.00000	0.28176	0.22271	0.49187	0.43385
E3TLDM	-0.03547	-0.06161	-0.02619	0.34653	0.28064	0.19892	0.22112	0.28176	1.00000	0.44082	-0.14073	0.16153
E3IIP	-0.06482	-0.07962	-0.03038	0.54660	0.20018	0.06191	0.58099	0.22271	0.44082	1.00000	-0.12478	0.17546
E3SC	-0.01093	0.02223	-0.05854	0.53365	-0.12880	-0.38620	0.15804	0.49187	-0.14073	-0.12478	1.00000	0.38873
E3UPA	0.01439	0.07166	0.02493	0.68202	-0.28916	-0.06166	0.27024	0.43385	0.16153	0.17546	0.38873	1.00000
E3CGO	-0.08038	-0.15007	-0.10708	0.65302	0.01975	-0.30733	0.36353	0.38289	0.02868	0.48431	0.51129	0.39410
E3TUC	0.04098	0.19265	0.01166	0.46623	0.02954	-0.27579	0.26479	0.16230	-0.17559	-0.17560	0.45490	0.26724
E3CIP	0.05113	0.20150	0.02677	0.51843	0.15695	0.02645	0.25998	0.18248	0.07246	0.33389	0.07836	0.38835
E3USE	0.04859	0.16303	0.07689	0.55558	0.44574	-0.02651	0.55654	0.22728	0.41084	0.20868	0.12973	0.24300
E3DI	-0.04372	-0.00483	-0.00537	0.90300	0.07209	-0.02432	0.61486	0.65262	0.46624	0.63636	0.31437	0.76653
T3AGE	-0.07522	-0.15681	-0.02752	-0.11242	0.11685	0.59874	-0.03274	-0.17522	0.10015	0.13398	-0.22755	-0.10817
T3TSB	0.06223	0.31307	0.04750	0.22869	0.01780	-0.21626	0.29153	-0.00014	0.12738	0.08908	0.07243	0.14607
RPRESES	0.63729	0.18689	0.07261	-0.01341	-0.08941	-0.06982	-0.03886	-0.09746	-0.02446	-0.06905	0.05770	-0.01072
RTOT73	0.99799	0.43740	0.81765	-0.00545	-0.07172	-0.01984	0.06262	-0.14362	-0.04622	-0.05364	-0.02457	0.01491
PCT73	0.00000	0.18906	0.07360	0.12803	0.32000	0.06772	0.29844	-0.10477	-0.17072	0.17420	-0.21542	0.00871
RTOT72	0.81215	0.38634	0.99956	-0.01642	-0.04698	0.02544	0.08312	-0.10913	-0.03442	-0.02289	-0.07100	0.01690
PCT72	-0.07136	-0.06713	-0.00000	-0.20763	0.10628	0.05501	0.11013	-0.29975	-0.27891	0.25307	-0.42281	-0.27150

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	-0.08038	0.04098	0.05113	0.04859	-0.04372	-0.07522	0.06223	0.63729	0.99799	0.00000	0.81215	-0.07136
COMPSES	-0.15007	0.19265	0.20150	0.16303	-0.00483	-0.15681	0.31307	0.18689	0.43740	0.18906	0.38634	-0.06713
RESR72	-0.10708	0.01166	0.02677	0.07689	-0.00537	-0.02752	0.04750	0.07261	0.81765	0.07360	0.99956	-0.00000
E3LI	0.65302	0.46623	0.51843	0.55558	0.90300	-0.11242	0.22869	-0.01341	-0.00545	0.12803	-0.01642	-0.20763
E3MMIN	0.01975	0.02954	0.15695	0.44574	0.07209	0.11685	0.01780	-0.08941	-0.07172	0.32000	-0.04698	0.10628
T3TQ	-0.30733	-0.27579	0.02645	-0.02651	-0.02432	0.59874	-0.21626	-0.06982	-0.01984	0.06772	0.02544	0.05501
E3UO	0.36353	0.26479	0.25998	0.55654	0.61486	-0.03274	0.29153	-0.03886	0.06262	0.29844	0.08312	0.11013
E3IDM	0.38289	0.16230	0.18248	0.22728	0.65262	-0.17522	-0.00014	-0.09746	-0.14362	-0.10477	-0.10913	-0.29975
E3TLDM	0.02868	-0.17559	0.07246	0.41084	0.46624	0.10015	0.12738	-0.02446	-0.04622	-0.17072	-0.03442	-0.27891
E3IIP	0.48431	-0.17560	0.33389	0.20868	0.63636	0.13398	0.08908	-0.06905	-0.05364	0.17420	-0.02289	0.25307
E3SC	0.51129	0.45490	0.07836	0.12973	0.31437	-0.22755	0.07243	0.05770	-0.02457	-0.21542	-0.07100	-0.42281
E3UPA	0.39410	0.26724	0.38835	0.24300	0.76653	-0.10817	0.14607	-0.01072	0.01491	0.00871	0.01690	-0.27150
E3CGO	1.00000	0.13067	0.24941	0.09383	0.53645	-0.02639	0.00555	0.00808	-0.07901	0.01916	-0.10330	0.12632
E3TUC	0.13067	1.00000	0.18115	0.23441	0.17224	-0.20764	0.13620	0.04840	0.05840	0.27593	0.00557	-0.20586
E3CIP	0.24941	0.18115	1.00000	0.20445	0.44701	0.03141	0.07913	0.04564	0.06179	0.16972	0.02377	-0.10129
E3USE	0.09383	0.23441	0.20445	1.00000	0.56563	-0.09307	0.31096	-0.02365	0.05317	0.07376	0.07019	-0.22579
E3DI	0.53645	0.17224	0.44701	0.56563	1.00000	-0.07231	0.20224	-0.06838	-0.03909	0.07158	-0.01058	-0.17640
T3AGE	-0.02639	-0.20764	0.03141	-0.09307	-0.07231	1.00000	-0.29419	-0.08799	-0.06774	0.11558	-0.02241	0.17270
T3TSB	0.00555	0.13620	0.07913	0.31096	0.20224	-0.29419	1.00000	0.03331	0.07472	0.19889	0.04683	-0.02168
RPRESES	0.00808	0.04840	0.04564	-0.02365	-0.06838	-0.08799	0.03331	1.00000	0.62939	-0.10434	0.06900	-0.12103
RTOT73	-0.07901	0.05840	0.06179	0.05317	-0.03909	-0.06774	0.07472	0.62939	1.00000	0.06342	0.81648	-0.02743
PCT73	0.01916	0.27593	0.16972	0.07376	0.07158	0.11558	0.19889	-0.10434	0.06342	1.00000	0.09397	0.69051
RTOT72	-0.10330	0.00557	0.02377	0.07019	-0.01058	-0.02241	0.04683	0.06900	0.81648	0.09397	1.00000	0.02955
PCT72	0.12632	-0.20586	-0.10129	-0.22579	-0.17640	0.17270	-0.02168	-0.12103	-0.02743	0.69051	0.02955	1.00000

TABLE B-11

Intercorrelations among Analysis Variables -- Cohort 5, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3MMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.34085	0.82480	-0.01422	-0.13687	-0.10843	-0.00960	0.09054	-0.02056	-0.07593	0.01098	0.05413
COMPSES	0.34085	1.00000	0.32846	0.11999	-0.25703	-0.20169	0.14819	0.21011	-0.03276	-0.00617	0.19088	0.25303
RESR72	0.82480	0.32846	1.00000	-0.02549	-0.14046	-0.06643	-0.01948	0.06679	-0.04223	-0.06956	0.05087	0.03579
E3LI	-0.01422	0.11999	-0.02549	1.00000	-0.19822	-0.14344	0.85481	0.50292	0.70479	0.86264	0.65278	0.47452
E3MMIN	-0.13687	-0.25703	-0.14046	-0.19822	1.00000	0.29880	-0.18737	0.08548	-0.14247	0.07903	-0.54179	-0.32404
T3TQ	-0.10843	-0.20169	-0.06643	-0.14344	0.29880	1.00000	-0.39670	0.10662	-0.07478	0.11030	-0.19807	-0.26273
E3UO	-0.00960	0.14819	-0.01948	0.85481	-0.18737	-0.39670	1.00000	0.37556	0.49835	0.61549	0.55303	0.47197
E3IDM	0.09054	0.21011	0.06679	0.50292	0.08548	0.10662	0.37556	1.00000	0.22618	0.50011	0.11472	0.09790
E3TLDM	-0.02056	-0.03276	-0.04223	0.70479	-0.14247	-0.07478	0.49835	0.22618	1.00000	0.70503	0.34246	0.19948
E3IIP	-0.07593	-0.00617	-0.06956	0.86264	0.07903	0.11030	0.61549	0.50011	0.70503	1.00000	0.48227	0.20889
E3SC	0.01098	0.19088	0.05087	0.65278	-0.54179	-0.19807	0.55303	0.11472	0.34246	0.48227	1.00000	0.16882
E3UPA	0.05413	0.25303	0.03579	0.47452	-0.32404	-0.26273	0.47197	0.09790	0.19948	0.20889	0.16882	1.00000
E3CGO	-0.01320	-0.03915	-0.05284	0.58512	-0.30455	-0.12881	0.38843	0.27872	0.53232	0.40508	0.34719	0.27883
E3TUC	-0.09505	-0.07671	-0.10698	0.80104	0.12314	0.04451	0.60372	0.46055	0.46039	0.75324	0.39600	0.32969
E3CIP	-0.00082	0.14403	-0.00230	0.81278	0.01816	0.05860	0.59503	0.45512	0.73264	0.84022	0.40200	0.35508
E3USE	0.01055	0.07580	0.00230	0.60997	-0.09053	-0.08790	0.64826	0.32431	0.18376	0.47523	0.58094	-0.02845
E3DI	0.01419	0.18515	0.00049	0.93966	-0.13307	-0.08655	0.82249	0.59364	0.51537	0.82222	0.54799	0.55023
T3AGE	-0.10637	-0.12708	-0.06760	-0.16203	0.14720	0.73901	-0.34320	0.02491	-0.11939	0.03090	-0.05528	-0.24065
T3TSB	0.05157	0.13789	0.04563	0.06864	-0.24794	-0.39688	0.16195	0.22663	0.07054	-0.05232	0.23891	-0.13376
PPRESES	0.59689	0.11810	0.03879	0.00840	-0.03830	-0.09387	0.00750	0.06148	0.02404	-0.03593	-0.05651	0.03998
RTOT73	0.99287	0.36053	0.82623	0.00106	-0.10834	-0.06804	-0.01554	0.11571	-0.04084	-0.04556	0.02959	0.06133
PCT73	-0.00000	0.18555	0.06131	0.12738	0.23115	0.33248	-0.05043	0.21668	-0.17144	0.25037	0.15681	0.06363
RTOT72	0.82601	0.33171	0.99966	-0.01925	-0.15198	-0.07791	-0.01105	0.07140	-0.03934	-0.07022	0.05448	0.04656
PCT72	-0.05724	-0.12937	0.00000	-0.23994	0.44547	0.44324	-0.32446	-0.17828	-0.11069	0.02660	-0.13982	-0.41542

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	PPRESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	-0.01320	-0.09505	-0.00082	0.01055	0.01419	-0.10637	0.05157	0.59689	0.99287	-0.00000	0.82601	-0.05724
COMPSES	-0.03915	-0.07671	0.14403	0.07580	0.18515	-0.12708	0.13789	0.11810	0.36053	0.18555	0.33171	-0.12937
RESR72	-0.05284	-0.10698	-0.00230	0.00230	0.00049	-0.06760	0.04563	0.03879	0.82623	0.06131	0.99966	0.00000
E3LI	0.58512	0.80104	0.81278	0.60997	0.93966	-0.16203	0.06864	0.00840	0.00106	0.12738	-0.01925	-0.23994
E3MMIN	-0.30455	0.12314	0.01816	-0.09053	-0.13307	0.14720	-0.24794	-0.03830	-0.10834	0.23115	-0.15198	0.44547
T3TQ	-0.12881	0.04451	0.05860	-0.08790	-0.08655	0.73901	-0.39688	-0.09387	-0.06804	0.33248	-0.07791	0.44324
E3UO	0.38843	0.60372	0.59503	0.64826	0.82249	-0.34320	0.16195	0.00750	-0.01554	-0.05043	-0.01105	-0.32446
E3IDM	0.27872	0.46055	0.45512	0.32431	0.59364	0.02491	0.22663	0.06148	0.11571	0.21668	0.07140	-0.17828
E3TLDM	0.53232	0.46039	0.73264	0.18376	0.51537	-0.11939	0.07054	0.02404	-0.04084	-0.17144	-0.03934	-0.11069
E3IIP	0.40508	0.75324	0.84022	0.47523	0.82222	0.03090	-0.05232	-0.03593	-0.04556	0.25037	-0.07022	0.02660
E3SC	0.34719	0.39600	0.40200	0.58094	0.54799	-0.05528	0.23891	-0.05651	0.02959	0.15681	0.05448	-0.13982
E3UPA	0.27883	0.32969	0.35508	-0.02845	0.55023	-0.24065	-0.13376	0.03998	0.06133	0.06363	0.04656	-0.41542
E3CGO	1.00000	0.47194	0.28930	0.14014	0.41441	-0.17090	0.25569	0.05222	-0.03957	-0.22209	-0.04261	-0.39307
E3TUC	0.47194	1.00000	0.60220	0.43382	0.74549	-0.10242	-0.12286	-0.01535	-0.05162	0.35870	-0.10512	-0.07005
E3CIP	0.28930	0.60220	1.00000	0.37392	0.76854	0.01049	-0.07165	-0.00119	0.03595	0.30854	-0.00447	0.08373
E3USE	0.14014	0.43382	0.37392	1.00000	0.67125	-0.04110	0.04150	0.01385	0.01323	0.02313	0.00512	-0.10861
E3DI	0.41441	0.74549	0.76854	0.67125	1.00000	-0.10766	-0.02069	0.02061	0.03667	0.18947	0.00717	-0.25709
T3AGE	-0.17090	-0.10242	0.01049	-0.04110	-0.10766	1.00000	-0.23981	-0.09010	-0.08095	0.20696	-0.07713	0.36760
T3TSB	0.25569	-0.12286	-0.07165	0.04150	-0.02069	-0.23981	1.00000	0.02391	0.02095	-0.25386	0.05257	-0.26812
PPRESES	0.05222	-0.01535	-0.00119	0.01385	0.02061	-0.09010	0.02391	1.00000	0.58183	-0.09064	0.04134	-0.09871
RTOT73	-0.03957	-0.05162	0.03595	0.01323	0.03667	-0.08095	0.02095	0.58183	1.00000	0.11917	0.82559	0.01381
PCT73	-0.22209	0.35870	0.30854	0.02313	0.18947	0.20696	-0.25386	-0.09064	0.11917	1.00000	0.04590	0.59278
RTOT72	-0.04261	-0.10512	-0.00447	0.00512	0.00717	-0.07713	0.05257	0.04134	0.82559	0.04590	1.00000	-0.02597
PCT72	-0.39307	-0.07005	0.08373	-0.10861	-0.25709	0.36760	-0.26812	-0.09871	0.01381	0.59278	-0.02597	1.00000

TABLE B-12

Intercorrelations among Analysis Variables -- Cohort 7, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.29923	0.82967	-0.00475	-0.12503	-0.02997	0.03289	0.01971	0.06904	-0.12397	0.05293	-0.04156
COMPSES	0.29923	1.00000	0.33723	0.21878	-0.14843	-0.01409	0.21706	0.30676	0.22247	-0.19108	0.32888	-0.12942
RESR72	0.82967	0.33723	1.00000	0.07499	-0.06470	-0.02594	0.12100	0.09730	0.08985	-0.09587	0.12594	-0.02399
E3LI	-0.00475	0.21878	0.07499	1.00000	0.11078	-0.12640	0.79992	0.80849	0.73502	0.54464	0.73206	0.62381
E3NMIN	-0.12503	-0.14843	-0.06470	0.11078	1.00000	-0.21698	0.22971	0.20334	-0.50121	0.22733	0.21241	0.05833
T3TQ	-0.02997	-0.01409	-0.02594	-0.12640	-0.21698	1.00000	-0.18694	-0.23207	0.08677	0.10287	-0.23870	0.02953
E3UO	0.03289	0.21706	0.12100	0.79992	0.22971	-0.18694	1.00000	0.55479	0.45003	0.32621	0.51129	0.48053
E3IDM	0.01971	0.30676	0.09730	0.80849	0.20334	-0.23207	0.55479	1.00000	0.44100	0.07917	0.97014	0.17161
E3TLDM	0.06904	0.22247	0.08985	0.73502	-0.50121	0.08677	0.45003	0.44100	1.00000	0.46458	0.39820	0.57299
E3IIP	-0.12397	-0.19108	-0.09587	0.54464	0.22733	0.10287	0.32621	0.07917	0.46458	1.00000	-0.01506	0.85914
E3SC	0.05293	0.32888	0.12594	0.73206	0.21241	-0.23870	0.51129	0.97014	0.39820	-0.01506	1.00000	0.11328
E3UPA	-0.04156	-0.12942	-0.02399	0.62381	0.05833	0.02953	0.48053	0.17161	0.57299	0.85914	0.11328	1.00000
E3CGO	-0.06883	-0.17463	-0.08998	0.26004	0.27795	-0.31133	0.11434	0.38576	-0.01462	0.09387	0.36010	0.33807
E3TUC	0.04590	0.38051	0.12616	0.77778	-0.12368	-0.09261	0.68990	0.74405	0.58093	0.07396	0.63314	0.11900
E3CIP	0.02463	0.35320	0.12613	0.89337	0.16500	-0.14139	0.79378	0.86752	0.53361	0.23292	0.79679	0.25841
E3USE	-0.03617	0.21891	0.03595	0.85063	-0.01033	0.00000	0.53254	0.66552	0.74374	0.55550	0.59663	0.41498
E3DI	-0.06698	0.03021	-0.00915	0.87827	0.13703	-0.00056	0.58533	0.53093	0.71967	0.86414	0.44671	0.83043
T3AGE	0.01016	0.03998	-0.01681	-0.18545	-0.31455	0.69425	-0.36673	-0.17543	0.09852	-0.01636	-0.18484	-0.11223
T3TSB	0.09105	0.24758	0.10010	0.13007	-0.32342	0.12510	0.24393	0.21306	0.21419	-0.36867	0.29722	-0.13882
RPRESES	0.56765	0.03376	0.01139	-0.12019	-0.12786	-0.01541	-0.12053	-0.10972	-0.00990	-0.07981	-0.09252	-0.03840
RTOT73	0.99776	0.31400	0.83490	0.04105	-0.08805	-0.04547	0.08156	0.07011	0.07890	-0.11169	0.10494	-0.02803
PCT73	0.00000	0.23081	0.10596	0.68462	0.54879	-0.23282	0.72898	0.75426	0.14976	0.17956	0.77955	0.20092
RTOT72	0.83034	0.33718	0.99991	0.06603	-0.06771	-0.02519	0.11332	0.09240	0.08334	-0.10512	0.12080	-0.03293
PCT72	-0.05462	0.00091	-0.00000	0.66049	0.22276	-0.05469	0.56559	0.36040	0.47987	0.68320	0.37826	0.65961

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	-0.06883	0.04590	0.02463	-0.03617	-0.06698	0.01016	0.09105	0.56765	0.99776	0.00000	0.83034	-0.05462
COMPSES	-0.17463	0.38051	0.35320	0.21891	0.03021	0.03998	0.24758	0.03376	0.31400	0.23081	0.33718	0.00091
RESR72	-0.08998	0.12616	0.12613	0.03595	-0.00915	-0.01681	0.10010	0.01139	0.83490	0.10596	0.99991	-0.00000
E3LI	0.26004	0.77778	0.89337	0.85063	0.87827	-0.18545	0.13007	-0.12019	0.04105	0.68462	0.06603	0.66049
E3NMIN	0.27795	-0.12368	0.16500	-0.01033	0.13703	-0.31455	-0.32342	-0.12786	-0.08805	0.54879	-0.06771	0.22276
T3TQ	-0.31133	-0.09261	-0.14139	0.00000	-0.00056	0.69425	0.12510	-0.01541	-0.04547	-0.23282	-0.02519	-0.05469
E3UO	0.11434	0.68990	0.79378	0.53254	0.58533	-0.36673	0.24393	-0.12053	0.08156	0.72898	0.11332	0.56559
E3IDM	0.38576	0.74405	0.86752	0.66552	0.53093	-0.17543	0.21306	-0.10972	0.07011	0.75426	0.09240	0.36040
E3TLDM	-0.01462	0.58093	0.53361	0.74374	0.71967	0.09852	0.21419	-0.00990	0.07890	0.14976	0.08334	0.47987
E3IIP	0.09387	0.07396	0.23292	0.55550	0.86414	-0.01636	-0.36867	-0.07981	-0.11169	0.17956	-0.10512	0.68320
E3SC	0.36010	0.63314	0.79679	0.59663	0.44671	-0.18484	0.29722	-0.09252	0.10494	0.77955	0.12080	0.37826
E3UPA	0.33807	0.11900	0.25841	0.41498	0.83043	-0.11223	-0.13882	-0.03840	-0.02803	0.20092	-0.03293	0.65961
E3CGO	1.00000	-0.03994	0.04106	-0.08479	0.19578	-0.28607	-0.08153	0.01021	-0.06000	0.12968	-0.09097	0.07363
E3TUC	-0.03994	1.00000	0.91776	0.69671	0.47082	-0.07745	0.26404	-0.10573	0.07973	0.50741	0.12367	0.18256
E3CIP	0.04106	0.91776	1.00000	0.78796	0.63259	-0.17393	0.22208	-0.14364	0.07723	0.78743	0.11999	0.45163
E3USE	-0.08479	0.69671	0.78796	1.00000	0.83608	-0.00719	0.08156	-0.11896	0.00104	0.55518	0.02657	0.69147
E3DI	0.19578	0.47082	0.63259	0.83608	1.00000	-0.08223	-0.10431	-0.10668	-0.03430	0.48644	-0.01987	0.79080
T3AGE	-0.28607	-0.07745	-0.17393	-0.00719	-0.08223	1.00000	0.21979	0.04273	-0.01265	-0.34068	-0.01386	-0.21709
T3TSB	-0.08153	0.26404	0.22208	0.08156	-0.10431	0.21979	1.00000	0.01428	0.10349	0.18919	0.09919	0.06636
RPRESES	0.01021	-0.10573	-0.14364	-0.11896	-0.10668	0.04273	0.01428	1.00000	0.55586	-0.15737	0.01271	-0.09785
RTOT73	-0.06000	0.07973	0.07723	0.00104	-0.03430	-0.01265	0.10349	0.55586	1.00000	0.06687	0.83499	-0.01202
PCT73	0.12968	0.50741	0.78743	0.55518	0.48644	-0.34068	0.18919	-0.15737	0.06687	1.00000	0.09734	0.63515
RTOT72	-0.09097	0.12367	0.11999	0.02657	-0.01987	-0.01386	0.09919	0.01271	0.83499	0.09734	1.00000	-0.01356
PCT72	0.07363	0.18256	0.45163	0.69147	0.79080	-0.21709	0.06636	-0.09785	-0.01202	0.63515	-0.01356	1.00000

TABLE B-13

Intercorrelations among Analysis Variables -- Cohort 8, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.29088	0.82354	0.07052	-0.08486	-0.00729	0.05374	0.12265	0.04999	-0.04510	0.09892	-0.05990
COMPSES	0.29088	1.00000	0.31125	-0.11017	0.04674	-0.02012	0.02102	0.30701	-0.04310	-0.35244	-0.01351	-0.41462
RESR72	0.82354	0.31125	1.00000	-0.02387	0.07145	-0.00351	0.01155	0.19194	-0.05940	-0.08522	0.02829	-0.13907
E3LI	0.07052	-0.11017	-0.02387	1.00000	-0.68077	-0.11986	0.70202	0.27362	0.79493	0.29914	0.91140	0.66869
E3NMIN	-0.08486	0.04674	0.07145	-0.68077	1.00000	0.02223	-0.38021	0.20933	-0.73407	-0.19435	-0.56348	-0.41310
T3TQ	-0.00729	-0.02012	-0.00351	-0.11986	0.02223	1.00000	-0.10293	-0.15512	-0.04758	-0.06391	-0.11438	-0.03605
E3UO	0.05374	0.02102	0.01155	0.70202	-0.38021	-0.10293	1.00000	0.19062	0.86945	-0.10251	0.48230	0.43757
E3IDM	0.12265	0.30701	0.19194	0.27362	0.20933	-0.15512	0.19062	1.00000	-0.03652	-0.27787	0.51075	-0.33360
E3TLDM	0.04999	-0.04310	-0.05940	0.79493	-0.73407	-0.04758	0.86945	-0.03652	1.00000	-0.08672	0.59414	0.49294
E3IIP	-0.04510	-0.35244	-0.08522	0.29914	-0.19435	-0.06391	-0.10251	-0.27787	-0.08672	1.00000	0.14216	0.74521
E3SC	0.09892	-0.01351	0.02829	0.91140	-0.56348	-0.11438	0.48230	0.51075	0.59414	0.14216	1.00000	0.41633
E3UPA	-0.05990	-0.41462	-0.13907	0.66869	-0.41310	-0.03605	0.43757	-0.33360	0.49294	0.74521	0.41633	1.00000
E3CGO	0.03633	-0.18078	-0.02500	0.95034	-0.44743	-0.11570	0.65173	0.31658	0.65536	0.38465	0.87778	0.74344
E3TUC	0.09820	-0.03986	-0.05988	0.69186	-0.98834	-0.00385	0.37489	-0.18448	0.72033	0.21939	0.57317	0.42889
E3CIP	0.13089	0.34339	0.14851	0.43178	-0.10470	-0.11998	0.58826	0.80316	0.45504	-0.59016	0.54773	-0.29632
E3USE	0.05061	-0.10257	-0.06338	0.93403	-0.79409	-0.10726	0.57211	0.18597	0.80319	0.16364	0.88439	0.53309
E3DI	0.00758	-0.28770	-0.07742	0.87195	-0.56146	-0.12252	0.43404	0.05496	0.51988	0.71484	0.73680	0.86948
T3AGE	-0.01962	-0.04198	-0.00859	-0.27803	0.12908	0.70008	-0.34126	-0.21831	-0.25641	-0.00864	-0.22668	-0.10268
T3TSB	0.06441	0.07026	0.02412	-0.06554	-0.21600	0.01455	-0.02667	-0.17678	0.07370	-0.05032	-0.11706	-0.09124
RPRESES	0.58217	0.05861	0.01824	0.15950	-0.25233	-0.00766	0.07805	-0.06115	0.17357	0.04557	0.13406	0.09710
RTOT73	0.98255	0.33576	0.83813	-0.04623	0.07983	-0.01248	0.02151	0.20245	-0.05772	-0.12830	0.00609	-0.17956
PCT73	0.00000	0.26858	0.15570	-0.62163	0.87751	-0.02856	-0.16825	0.44055	-0.57447	-0.45156	-0.48981	-0.64899
RTOT72	0.82677	0.31391	0.99927	0.00695	0.04458	-0.00502	0.03514	0.20396	-0.02771	-0.09513	0.06006	-0.13055
PCT72	-0.10020	-0.07564	0.00000	-0.80628	0.70207	0.03970	-0.61762	-0.31821	-0.82848	0.26108	-0.83202	-0.22035

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPPESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	0.03633	0.09820	0.13089	0.05061	0.00758	-0.01962	0.06441	0.58217	0.98255	0.00000	0.82677	-0.10020
COMPSES	-0.18078	-0.03986	0.34339	-0.10257	-0.28770	-0.04198	0.07026	0.05861	0.33576	0.26858	0.31391	-0.07564
RESR72	-0.02500	-0.05988	0.14851	-0.06338	-0.07742	-0.00859	0.02412	0.01824	0.83813	0.15570	0.99927	0.00000
E3LI	0.95034	0.69186	0.43178	0.93403	0.87195	-0.27803	-0.06554	0.15950	-0.04633	-0.62163	0.00695	-0.80628
E3NMIN	-0.44743	-0.98834	-0.10470	-0.79409	-0.56146	0.12908	-0.21600	-0.25233	0.07983	0.87751	0.04458	0.70207
T3TQ	-0.11570	-0.00385	-0.11998	-0.10726	-0.12252	0.70008	0.01455	-0.00766	-0.01248	-0.02856	-0.00502	0.03970
E3UO	0.65173	0.37489	0.58826	0.57211	0.43404	-0.34126	-0.02667	0.07805	0.02151	-0.16825	0.03514	-0.61762
E3IDM	0.31658	-0.18448	0.80316	0.18597	0.05496	-0.21831	-0.17678	-0.06115	0.20245	0.44055	0.20396	-0.31821
E3TLDM	0.65536	0.72033	0.45504	0.80319	0.51988	-0.25641	0.07370	0.17357	-0.05772	-0.57447	-0.02771	-0.82848
E3IIP	0.38465	0.21939	-0.59016	0.16364	0.71484	-0.00864	-0.05032	0.04557	-0.12830	-0.45156	-0.09513	0.26108
E3SC	0.87778	0.57317	0.54773	0.88439	0.73680	-0.22668	-0.11706	0.13406	0.00609	-0.48981	0.06006	-0.83202
E3UPA	0.74344	0.42889	-0.29632	0.53309	0.86948	-0.10268	-0.09124	0.09710	-0.17956	-0.64899	-0.13055	-0.22035
E3CGO	1.00000	0.46961	0.36133	0.82109	0.89335	-0.25024	-0.17379	0.10146	-0.05514	-0.48839	0.00054	-0.66806
E3TUC	0.46961	1.00000	0.10752	0.77758	0.57556	-0.12189	0.21275	0.25922	-0.06638	-0.87565	-0.03290	-0.70511
E3CIP	0.36133	0.10752	1.00000	0.41109	0.00427	-0.28644	-0.06094	0.01522	0.17491	0.24900	0.17380	-0.66504
E3USE	0.82109	0.77758	0.41109	1.00000	0.77521	-0.22429	-0.00088	0.18087	-0.08682	-0.73417	-0.02966	-0.88132
E3DI	0.89335	0.57556	0.00427	0.77521	1.00000	-0.19355	-0.09447	0.12672	-0.11935	-0.68175	-0.06004	-0.45353
T3AGE	-0.25024	-0.12189	-0.28644	-0.22429	-0.19355	1.00000	-0.07406	-0.02193	-0.01881	0.00252	-0.01637	0.20390
T3TSB	-0.17379	0.21275	-0.06094	-0.00088	-0.09447	-0.07406	1.00000	0.07843	0.03841	-0.13374	0.02489	-0.02073
RPRESES	0.10146	0.25922	0.01522	0.18087	0.12672	-0.02193	0.07843	1.00000	0.53012	-0.22522	0.02496	-0.17603
RTOT73	-0.05514	-0.06638	0.17491	-0.08682	-0.11935	-0.01881	0.03841	0.53012	1.00000	0.18599	0.83752	-0.00010
PCT73	-0.48839	-0.87565	0.24900	-0.73417	-0.68175	0.00252	-0.13374	-0.22522	0.18599	1.00000	0.13538	0.52880
RTOT72	0.00054	-0.03290	0.17380	-0.02966	-0.06004	-0.01637	0.02489	0.02496	0.83752	0.13538	1.00000	-0.03820
PCT72	-0.66806	-0.70511	-0.66504	-0.88132	-0.45353	0.20390	-0.02073	-0.17603	-0.00010	0.52880	-0.03820	1.00000

TABLE B-14

Intercorrelations among Analysis Variables -- Cohort 9, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3WMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.21292	0.80715	-0.00511	0.01954	0.12919	-0.05794	0.04109	-0.04769	-0.00387	0.06151	-0.10428
COMPSES	0.21292	1.00000	0.25799	-0.09322	0.29490	0.10853	0.29717	0.06531	-0.17672	-0.28848	-0.09408	-0.11930
RESR72	0.80715	0.25799	1.00000	-0.01961	0.13114	0.16942	0.09032	0.08069	-0.09024	-0.10985	0.01689	-0.09951
E3LI	-0.00511	-0.09322	-0.01961	1.00000	-0.72808	0.58808	-0.36198	0.91542	0.93281	0.76714	0.93173	0.15374
E3WMIN	0.01954	0.29490	0.13114	-0.72808	1.00000	-0.25596	0.83974	-0.41087	-0.86966	-0.90261	-0.81704	0.07289
T3TQ	0.12919	0.10853	0.16942	0.58808	-0.25596	1.00000	-0.02934	0.66926	0.47708	0.26526	0.57781	-0.08947
E3UO	-0.05794	0.29717	0.09032	-0.36198	0.83974	-0.02934	1.00000	-0.06047	-0.48095	-0.81215	-0.57514	0.10524
E3IDM	0.04109	0.06531	0.08069	0.91542	-0.41087	0.66926	-0.06047	1.00000	0.73201	0.51356	0.82243	0.15683
E3TLDM	-0.04769	-0.17672	-0.09024	0.93281	-0.86966	0.47708	-0.48095	0.73201	1.00000	0.77838	0.90002	-0.01441
E3IIP	-0.00387	-0.28848	-0.10985	0.76714	-0.90261	0.26526	-0.81215	0.51356	0.77838	1.00000	0.79183	0.29563
E3SC	0.06151	-0.09408	0.01689	0.93173	-0.81704	0.57781	-0.57514	0.82243	0.90002	0.79183	1.00000	-0.11822
E3UPA	-0.10428	-0.11930	-0.09951	0.15374	0.07289	-0.08947	0.10524	0.15683	-0.01441	0.29563	-0.11822	1.00000
E3CGO	0.03838	-0.12079	-0.00524	0.96743	-0.80208	0.55878	-0.55260	0.85865	0.89822	0.85891	0.97524	0.10433
E3TUC	-0.10428	-0.11930	-0.09951	0.15374	0.07289	-0.08947	0.10524	0.15683	-0.01441	0.29563	-0.11822	1.00000
E3CIP	-0.01155	0.21543	0.10586	0.59664	0.07781	0.56391	0.51257	0.81517	0.41234	-0.03079	0.40121	0.10883
E3USE	-0.06445	-0.27405	-0.14476	0.85373	-0.95145	0.33292	-0.65630	0.57195	0.95499	0.89664	0.83400	0.10891
E3DI	-0.02825	-0.23088	-0.09658	0.92312	-0.88244	0.41168	-0.62550	0.71589	0.91707	0.94714	0.88197	0.27538
T3AGE	0.14520	0.09371	0.17359	0.25384	-0.05501	0.59091	0.04463	0.33386	0.18295	0.04977	0.26515	-0.11586
T3TSB	-0.05574	0.13203	-0.00550	-0.31781	0.49925	-0.23307	0.46729	-0.14672	-0.38966	-0.46888	-0.37419	0.00605
RPRESES	0.59186	0.00733	0.00189	0.01822	-0.14627	-0.01255	-0.22179	-0.04061	0.04260	0.14374	0.08125	-0.04066
RTOT73	0.98005	0.27875	0.82115	-0.07723	0.19282	0.13383	0.13649	0.03849	-0.15131	-0.16954	-0.04284	-0.10194
PCT73	0.00000	0.35261	0.15144	-0.36335	0.87382	0.03630	0.97242	-0.00898	-0.52615	-0.83394	-0.51889	0.00129
RTOT72	0.80103	0.26623	0.99749	-0.08436	0.19176	0.13075	0.13566	0.02561	-0.15391	-0.16855	-0.05365	-0.09137
PCT72	-0.05791	0.12560	0.00000	-0.91535	0.86098	-0.54017	0.64360	-0.77524	-0.90260	-0.83306	-0.99596	0.11143

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	0.03838	-0.10428	-0.01155	-0.06445	-0.02825	0.14520	-0.05574	0.59186	0.98005	0.00000	0.80103	-0.05791
COMPSES	-0.12079	-0.11930	0.21543	-0.27405	-0.23088	0.09371	0.13203	0.00733	0.27875	0.35261	0.26623	0.12560
RESR72	-0.00524	-0.09951	0.10586	-0.14476	-0.09658	0.17359	-0.00550	0.00189	0.82115	0.15144	0.99749	0.00000
E3LI	0.96743	0.15374	0.59664	0.85373	0.92312	0.25384	-0.31781	0.01822	-0.07723	-0.36335	-0.08436	-0.91535
E3WMIN	-0.80208	0.07289	0.07781	-0.95145	-0.88244	-0.05501	0.49925	-0.14627	0.19282	0.87382	0.19176	0.86098
T3TQ	0.55878	-0.08947	0.56391	0.33292	0.41168	0.59091	-0.23307	-0.01255	0.13383	0.03630	0.13075	-0.54017
E3UO	-0.55260	0.10524	0.51257	-0.65630	-0.62550	0.04463	0.46729	-0.22179	0.13649	0.97242	0.13566	0.64360
E3IDM	0.85865	0.15683	0.81517	0.57195	0.71589	0.33386	-0.14672	-0.04061	0.03849	-0.00898	0.02561	-0.77524
E3TLDM	0.89822	-0.01441	0.41234	0.95499	0.91707	0.18295	-0.38966	0.04260	-0.15131	-0.52615	-0.15391	-0.90260
E3IIP	0.85891	0.29563	-0.03079	0.89664	0.94714	0.04977	-0.46888	0.14374	-0.16954	-0.83394	-0.16855	-0.83306
E3SC	0.97524	-0.11822	0.40121	0.83400	0.88197	0.26515	-0.37419	0.08125	-0.04284	-0.51889	-0.05365	-0.99596
E3UPA	0.10433	1.00000	0.10883	0.10891	0.27538	-0.11586	0.00605	-0.04066	-0.10194	0.00129	-0.09137	0.11143
E3CGO	1.00000	0.10433	0.42607	0.85957	0.94469	0.23976	-0.37343	0.07232	-0.06561	-0.51941	-0.07409	-0.97270
E3TUC	0.10433	1.00000	0.10883	0.10891	0.27538	-0.11586	0.00605	-0.04066	-0.10194	0.00129	-0.09137	0.11143
E3CIP	0.42607	0.10883	1.00000	0.16379	0.26761	0.31419	0.12377	-0.16433	0.09383	0.52905	0.08279	-0.32216
E3USE	0.85957	0.10891	0.16379	1.00000	0.95413	0.08559	-0.45705	0.08875	-0.20753	-0.72638	-0.20538	-0.86147
E3DI	0.94469	0.27538	0.26761	0.95413	1.00000	0.13118	-0.42760	0.08425	-0.15903	-0.66083	-0.16003	-0.89975
T3AGE	0.23976	-0.11586	0.31419	0.08559	0.13118	1.00000	-0.18522	0.00889	0.16187	0.09845	0.15621	-0.23929
T3TSB	-0.37343	0.00605	0.12377	-0.45705	-0.42760	-0.18522	1.00000	-0.08707	0.04142	0.48325	0.02304	0.40304
RPRESES	0.07232	-0.04066	-0.16433	0.08875	0.08425	0.00889	-0.08707	1.00000	0.53889	-0.20715	-0.00507	-0.09825
RTOT73	-0.06561	-0.10194	0.09383	-0.20753	-0.15903	0.16187	0.04142	0.53889	1.00000	0.19875	0.82342	0.06121
PCT73	-0.51941	0.00129	0.52905	-0.72638	-0.66083	0.09845	0.48325	-0.20715	0.19875	1.00000	0.19308	0.59354
RTOT72	-0.07409	-0.09137	0.08279	-0.20538	-0.16003	0.15621	0.02304	-0.00507	0.82342	0.19308	1.00000	0.07079
PCT72	-0.97270	0.11143	-0.32216	-0.86147	-0.89975	-0.23929	0.40304	-0.09825	0.06121	0.59354	0.07079	1.00000

TABLE B-15

Intercorrelations among Analysis Variables -- Cohort 10, Spring 1973, Reading Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.06093	0.78923	0.13145	-0.05917	0.17003	0.07808	0.15189	-0.09700	0.15630	0.14659	0.11173
COMPSES	0.06093	1.00000	0.12463	0.03644	0.24713	-0.00771	0.09080	0.19531	0.31201	0.08789	-0.09190	-0.23386
RESR72	0.78923	0.12463	1.00000	0.07122	0.11253	0.08158	0.05867	0.17278	0.09682	0.11206	0.02020	-0.06063
E3LI	0.13145	0.03644	0.07122	1.00000	-0.60659	0.83450	0.97028	0.86240	-0.16672	0.97135	0.90949	0.61424
E3NMIN	-0.05917	0.24713	0.11253	-0.60659	1.00000	-0.58317	-0.47004	-0.14189	0.83399	-0.45521	-0.85235	-0.93918
T3TQ	0.17003	-0.00771	0.08158	0.83450	-0.58317	1.00000	0.77231	0.70088	-0.28470	0.81149	0.82887	0.58697
E3UO	0.07838	0.09080	0.05867	0.97028	-0.47004	0.77231	1.00000	0.89666	0.03789	0.94562	0.81222	0.46245
E3IDM	0.15189	0.19531	0.17278	0.86240	-0.14189	0.70088	0.89666	1.00000	0.25943	0.93802	0.62965	0.18532
E3TLDM	-0.09700	0.31201	0.09682	-0.16672	0.83399	-0.28470	0.03789	0.25943	1.00000	-0.05469	-0.54262	-0.79657
E3IIP	0.15630	0.08789	0.11206	0.97135	-0.45521	0.81149	0.94562	0.93802	-0.05469	1.00000	0.83577	0.48874
E3SC	0.14659	-0.09190	0.02020	0.90949	-0.85235	0.82887	0.81222	0.62965	-0.54262	0.83577	1.00000	0.82625
E3UPA	0.11173	-0.23386	-0.06063	0.61424	-0.93918	0.58697	0.46245	0.18532	-0.79657	0.48874	0.82625	1.00000
E3CGO	0.12890	-0.09367	-0.00064	0.91078	-0.84852	0.81445	0.80857	0.62682	-0.54018	0.84757	0.98648	0.80767
E3TUC	0.14578	0.13055	0.21364	0.17073	0.17257	0.11232	0.15100	0.24336	0.25476	0.16973	-0.01522	-0.15606
E3CIP	0.08923	0.24939	0.15912	0.75561	0.05297	0.56333	0.84974	0.96247	0.49477	0.83483	0.44498	-0.01432
E3USE	-0.05847	-0.08466	-0.12980	0.78249	-0.73890	0.58299	0.78760	0.44511	-0.26532	0.64400	0.75591	0.68491
E3DI	0.12598	-0.01376	0.03970	0.98343	-0.69751	0.82645	0.93176	0.78525	-0.28446	0.94036	0.93723	0.73179
T3AGE	0.04106	0.03735	0.02603	0.43926	-0.15714	0.56941	0.43238	0.47136	0.01052	0.46093	0.38028	0.16920
T3TSB	-0.03311	0.20147	0.10759	-0.25595	0.69738	-0.13432	-0.14049	0.10990	0.67716	-0.13739	-0.48574	-0.65136
RPRESES	0.60878	-0.05376	-0.00670	0.12233	-0.23992	0.17141	0.05206	0.02557	-0.28071	0.11041	0.21194	0.25854
RTOT73	0.98686	0.11389	0.80905	0.10617	0.08221	0.13379	0.07989	0.20687	0.05662	0.15716	0.06453	-0.01999
PCT73	0.00000	0.33271	0.18069	-0.14576	0.87012	-0.21083	0.01752	0.35260	0.94284	0.01803	-0.49592	-0.80611
RTOT72	0.77310	0.13533	0.99574	-0.00967	0.19470	0.00704	-0.01210	0.12067	0.15281	0.03902	-0.07175	-0.14013
PCT72	-0.13831	0.12180	-0.00000	-0.87346	0.89597	-0.80422	-0.76447	-0.55687	0.61142	-0.78663	-0.99560	-0.86459

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	RTOT73	PCT73	RTOT72	PCT72
RESR73	0.12890	0.14578	0.08923	-0.05847	0.12598	0.04106	-0.03311	0.60878	0.98686	0.00000	0.77310	-0.13831
COMPSES	-0.09367	0.13055	0.24939	-0.08466	-0.01376	0.03735	0.20147	-0.05376	0.11389	0.33271	0.13533	0.12180
RESR72	-0.00054	0.21364	0.15912	-0.12980	0.03970	0.02603	0.10759	-0.00670	0.80805	0.18069	0.99574	-0.03000
E3LI	0.91078	0.17073	0.75561	0.78249	0.98343	0.43926	-0.25595	0.12233	0.10617	-0.14576	-0.00967	-0.87346
E3NMIN	-0.84852	0.17257	0.05297	-0.73890	-0.69751	-0.15714	0.69738	-0.23992	0.08221	0.87012	0.19470	0.89597
T3TQ	0.81445	0.11232	0.56333	0.58299	0.82645	0.56941	-0.13432	0.17141	0.13379	-0.21083	0.00704	-0.80422
E3UO	0.80857	0.15100	0.84974	0.78760	0.93176	0.43238	-0.14049	0.05206	0.07989	0.01752	-0.01210	-0.76447
E3IDM	0.62682	0.24336	0.96247	0.44511	0.78525	0.47136	0.10990	0.02557	0.20687	0.35260	0.12067	-0.55687
E3TLDM	-0.54018	0.25476	0.49477	-0.26532	-0.28446	0.01052	0.67716	-0.28071	0.05662	0.94284	0.15281	0.61142
E3IIP	0.84757	0.16973	0.83483	0.64400	0.94036	0.46093	-0.13739	0.11041	0.15716	0.01803	0.03902	-0.78663
E3SC	0.98648	-0.01522	0.44498	0.75591	0.93723	0.38028	-0.48574	0.21194	0.06453	-0.49592	-0.07175	-0.99580
E3UPA	0.80767	-0.15606	-0.01432	0.68491	0.73179	0.16920	-0.65136	0.25854	-0.01999	-0.80611	-0.14013	-0.86459
E3CGO	1.00000	0.00142	0.44297	0.77652	0.93832	0.36217	-0.48943	0.21007	0.04598	-0.50269	-0.09140	-0.98376
E3TUC	0.00142	1.00000	0.27794	-0.00844	0.07331	0.11413	0.17602	-0.03777	0.18847	0.27605	0.21674	0.04348
E3CIP	0.44297	0.27794	1.00000	0.40372	0.65818	0.42099	0.25094	-0.05842	0.17427	0.53359	0.12491	-0.36354
E3USE	0.77652	-0.00844	0.40372	1.00000	0.81983	0.20798	-0.42967	0.07196	-0.12928	-0.44302	-0.19935	-0.75992
E3DI	0.93832	0.07331	0.65818	0.81983	1.00000	0.40541	-0.34201	0.15378	0.07998	-0.27441	-0.04472	-0.91320
T3AGE	0.36217	0.11413	0.42099	0.20798	0.40541	1.00000	0.29787	0.03353	0.05384	0.08241	-0.00638	-0.35010
T3TSB	-0.48943	0.17602	0.25094	-0.42967	-0.34201	0.29787	1.00000	-0.19145	0.08275	0.71434	0.15636	0.53364
RPRESES	0.21007	-0.03777	-0.05842	0.07196	0.15378	0.03353	-0.19145	1.00000	0.56345	-0.23100	-0.02737	-0.22433
RTOT73	0.04598	0.18847	0.17427	-0.12928	0.07998	0.05384	0.08275	0.56345	1.00000	0.16159	0.80056	-0.04384
PCT73	-0.50269	0.27605	0.53359	-0.44302	-0.27441	0.08241	0.71434	-0.23100	0.16159	1.00000	0.23282	0.57338
RTOT72	-0.09140	0.21674	0.12491	-0.19935	-0.04472	-0.00638	0.15636	-0.02737	0.80056	0.23282	1.00000	0.09225
PCT72	-0.98376	0.04348	-0.36354	-0.75992	-0.91320	-0.35010	0.53364	-0.22433	-0.04384	0.57338	0.09225	1.00000

TABLE C-1

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 2, SPRING 1972, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.07269 0.28010	0.13408 0.51664	0.00495 0.01907	0.01215 0.04681
C(S,P)	0.04141 0.15956	0.04141 0.15956		
C(S,E)	-0.00201 -0.00775		-0.00201 -0.00775	
C(S,T)	0.00636 0.02450			0.00636 0.02450
C(P,E)		0.00500 0.01927	0.00500 0.01927	
C(P,T)		-0.00718 -0.02767		-0.00718 -0.02767
C(E,T)			-0.00143 -0.00551	-0.00143 -0.00551
C(S,P,E)	-0.00477 -0.01840	-0.00477 -0.01840	-0.00477 -0.01840	
C(S,P,T)	-0.00201 -0.00775	-0.00201 -0.00775		-0.00201 -0.00775
C(S,E,T)	0.00040 0.00154		0.00040 0.00154	0.00040 0.00154
C(P,E,T)		0.00018 0.00069	0.00018 0.00069	0.00018 0.00069
C(S,P,E,T)	-0.00028 -0.00109	-0.00028 -0.00109	-0.00028 -0.00109	-0.00028 -0.00109
RSQ(I)	0.11177	0.16642	0.00203	0.00818
RSQ(S,P,E,T)		0.25952		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-2

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 3, SPRING 1972, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00491 0.00700	0.54792 0.78088	0.00393 0.00560	0.00079 0.00112
C(S,P)	0.13684 0.19502	0.13684 0.19502		
C(S,E)	-0.00096 -0.00137		-0.00096 -0.00137	
C(S,T)	0.00001 0.00002			0.00001 0.00002
C(P,E)		0.00061 0.00087	0.00061 0.00087	
C(P,T)		-0.00046 -0.00066		-0.00046 -0.00066
C(E,T)			0.00035 0.00049	0.00035 0.00049
C(S,P,E)	0.00838 0.01194	0.00838 0.01194	0.00838 0.01194	
C(S,P,T)	-0.00004 -0.00006	-0.00004 -0.00006		-0.00004 -0.00006
C(S,E,T)	-0.00010 -0.00015		-0.00010 -0.00015	-0.00010 -0.00015
C(P,E,T)		-0.00029 -0.00041	-0.00029 -0.00041	-0.00029 -0.00041
C(S,P,E,T)	-0.00020 -0.00028	-0.00020 -0.00028	-0.00020 -0.00028	-0.00020 -0.00028
RSQ(I)	0.14883	0.69276	0.01171	0.00005
RSQ(S,P,E,T)		0.70167		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-3

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 5, SPRING 1972, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00106	0.64131	0.00027	0.00021
	0.00149	0.90526	0.00038	0.00030
C(S,P)	0.06179	0.06179		
	0.08722	0.08722		
C(S,E)	0.00000		0.00000	
	0.00001		0.00001	
C(S,T)	-0.00004			-0.00004
	-0.00006			-0.00006
C(P,E)		0.00342	0.00342	
		0.00483	0.00483	
C(P,T)		0.00075		0.00075
		0.00106		0.00106
C(E,T)			-0.00004	-0.00004
			-0.00005	-0.00005
C(S,P,E)	0.00014	0.00014	0.00014	
	0.00020	0.00020	0.00020	
C(S,P,T)	-0.00050	-0.00050		-0.00050
	-0.00070	-0.00070		-0.00070
C(S,E,T)	0.00000		0.00000	0.00000
	0.00000		0.00000	0.00000
C(P,E,T)		0.00009	0.00009	0.00009
		0.00012	0.00012	0.00012
C(S,P,E,T)	-0.00005	-0.00005	-0.00005	-0.00005
	-0.00006	-0.00006	-0.00006	-0.00006
RSQ(I)	0.06241	0.70696	0.00384	0.00044
RSQ(S,P,E,T)		0.70843		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-4

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 7, SPRING 1972, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00362 0.00506	0.60643 0.84689	0.00241 0.00336	0.00023 0.00031
C(S,P)	0.07369 0.10291	0.07369 0.10291		
C(S,E)	0.00093 0.00129		0.00093 0.00129	
C(S,T)	0.00010 0.00014			0.00010 0.00014
C(P,E)		0.00102 0.00143	0.00102 0.00143	
C(P,T)		0.00186 0.00260		0.00186 0.00260
C(E,T)			0.00016 0.00022	0.00016 0.00022
C(S,P,E)	0.01169 0.01632	0.01169 0.01632	0.01169 0.01632	
C(S,P,T)	0.00185 0.00259	0.00185 0.00259		0.00185 0.00259
C(S,E,T)	0.00055 0.00077		0.00055 0.00077	0.00055 0.00077
C(P,E,T)		0.00182 0.00254	0.00182 0.00254	0.00182 0.00254
C(S,P,E,T)	0.00970 0.01355	0.00970 0.01355	0.00970 0.01355	0.00970 0.01355
RSQ(I)	0.10214	0.70807	0.02828	0.01627
RSQ(S,P,E,T)		0.71607		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-5

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 8, SPRING 1972, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00130 0.00185	0.58962 0.83833	0.00279 0.00396	0.00233 0.00331
C(S,P)	0.09431 0.13409	0.09431 0.13409		
C(S,E)	0.00017 0.00025		0.00017 0.00025	
C(S,T)	0.00017 0.00025			0.00017 0.00025
C(P,E)		-0.00161 -0.00229	-0.00161 -0.00229	
C(P,T)		0.00516 0.00733		0.00516 0.00733
C(E,T)			0.00209 0.00296	0.00209 0.00296
C(S,P,E)	-0.00021 -0.00029	-0.00021 -0.00029	-0.00021 -0.00029	
C(S,P,T)	0.00396 0.00563	0.00396 0.00563		0.00396 0.00563
C(S,E,T)	0.00044 0.00063		0.00044 0.00063	0.00044 0.00063
C(P,E,T)		-0.00131 -0.00186	-0.00131 -0.00186	-0.00131 -0.00186
C(S,P,E,T)	0.00413 0.00587	0.00413 0.00587	0.00413 0.00587	0.00413 0.00587
RSQ(I)	0.10427	0.69405	0.00649	0.01696
RSQ(S,P,E,T)		0.70334		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-6

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 9, SPRING 1972, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAC VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00160	0.63753	0.00780	0.00025
	0.00213	0.85129	0.01042	0.00033
C(S,P)	0.08597	0.08597		
	0.11479	0.11479		
C(S,E)	0.00124		0.00124	
	0.00165		0.00165	
C(S,T)	-0.00001			-0.00001
	-0.00002			-0.00002
C(P,E)		-0.00151	-0.00151	
		-0.00202	-0.00202	
C(P,T)		-0.00024		-0.00024
		-0.00032		-0.00032
C(E,T)			0.00059	0.00059
			0.00079	0.00079
C(S,P,E)	0.01628	0.01628	0.01628	
	0.02174	0.02174	0.02174	
C(S,P,T)	0.00001	0.00001		0.00001
	0.00001	0.00001		0.00001
C(S,E,T)	-0.00007		-0.00007	-0.00007
	-0.00009		-0.00009	-0.00009
C(P,E,T)		-0.00043	-0.00043	-0.00043
		-0.00058	-0.00058	-0.00058
C(S,P,E,T)	-0.00009	-0.00009	-0.00009	-0.00009
	-0.00012	-0.00012	-0.00012	-0.00012
RSQ(I)	0.10492	0.73751	0.02381	0.00000
RSQ(S,P,E,T)		0.74890		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-7

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 10, SPRING 1972, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00113 0.00173	0.63133 0.96693	0.00113 0.00173	0.00013 0.00020
C(S,P)	0.01267 0.01941	0.01267 0.01941		
C(S,E)	-0.00012 -0.00018		-0.00012 -0.00018	
C(S,T)	0.00011 0.00016			0.00011 0.00016
C(P,E)		-0.00078 -0.00120	-0.00078 -0.00120	
C(P,T)		0.00314 0.00480		0.00314 0.00480
C(E,T)			0.00049 0.00074	0.00049 0.00074
C(S,P,E)	0.00158 0.00242	0.00158 0.00242	0.00158 0.00242	
C(S,P,T)	0.00182 0.00279	0.00182 0.00279		0.00182 0.00279
C(S,E,T)	0.00006 0.00009		0.00006 0.00009	0.00006 0.00009
C(P,E,T)		0.00037 0.00057	0.00037 0.00057	0.00037 0.00057
C(S,P,E,T)	-0.00014 -0.00022	-0.00014 -0.00022	-0.00014 -0.00022	-0.00014 -0.00022
RSQ(I)	0.01712	0.64999	0.00259	0.00598
RSQ(S,P,E,T)		0.65292		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-8

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 0, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.02088 0.09536	0.13928 0.63605	0.01294 0.05911	0.00051 0.00232
C(S,P)	0.04914 0.22442	0.04914 0.22442		
C(S,E)	0.00044 0.00203		0.00044 0.00203	
C(S,T)	-0.00009 -0.00039			-0.00009 -0.00039
C(P,E)		-0.00550 -0.02514	-0.00550 -0.02514	
C(P,T)		0.00019 0.00086		0.00019 0.00086
C(E,T)			0.00016 0.00075	0.00016 0.00075
C(S,P,E)	0.00178 0.00813	0.00178 0.00813	0.00178 0.00813	
C(S,P,T)	-0.00006 -0.00029	-0.00006 -0.00029		-0.00006 -0.00029
C(S,E,T)	-0.00039 -0.00177		-0.00039 -0.00177	-0.00039 -0.00177
C(P,E,T)		-0.00019 -0.00087	-0.00019 -0.00087	-0.00019 -0.00087
C(S,P,E,T)	-0.00013 -0.00057	-0.00013 -0.00057	-0.00013 -0.00057	-0.00013 -0.00057
RSQ(I)	0.07158	0.18450	0.00912	0.00001
RSQ(S,P,E,T)		0.21897		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-9

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 2, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00751 0.01175	0.52214 0.81708	0.00455 0.00711	0.00056 0.00087
C(S,P)	0.10103 0.15810	0.10103 0.15810		
C(S,E)	-0.00240 -0.00375		-0.00240 -0.00375	
C(S,T)	-0.00008 -0.00013			-0.00008 -0.00013
C(P,E)		0.01560 0.02442	0.01560 0.02442	
C(P,T)		-0.00037 -0.00058		-0.00037 -0.00058
C(E,T)			-0.00032 -0.00050	-0.00032 -0.00050
C(S,P,E)	-0.00970 -0.01518	-0.00970 -0.01518	-0.00970 -0.01518	
C(S,P,T)	0.00060 0.00094	0.00060 0.00094		0.00060 0.00094
C(S,E,T)	0.00010 0.00015		0.00010 0.00015	0.00010 0.00015
C(P,E,T)		0.00037 0.00059	0.00037 0.00059	0.00037 0.00059
C(S,P,E,T)	-0.00056 -0.00087	-0.00056 -0.00087	-0.00056 -0.00087	-0.00056 -0.00087
RSQ(I)	0.09650	0.62912	0.00765	0.00030
RSQ(S,P,E,T)		0.63903		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-10

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 3, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.01255 0.01844	0.49421 0.72604	0.00199 0.00292	0.00107 0.00157
C(S,P)	0.16484 0.24216	0.16484 0.24216		
C(S,E)	0.00066 0.00096		0.00066 0.00096	
C(S,T)	0.00083 0.00122			0.00083 0.00122
C(P,E)		0.00251 0.00368	0.00251 0.00368	
C(P,T)		-0.00099 -0.00145		-0.00099 -0.00145
C(E,T)			-0.00016 -0.00023	-0.00016 -0.00023
C(S,P,E)	0.00336 0.00494	0.00336 0.00494	0.00336 0.00494	
C(S,P,T)	-0.00033 -0.00048	-0.00033 -0.00048		-0.00033 -0.00048
C(S,E,T)	0.00016 0.00023		0.00016 0.00023	0.00016 0.00023
C(P,E,T)		0.00036 0.00053	0.00036 0.00053	0.00036 0.00053
C(S,P,E,T)	-0.00036 -0.00053	-0.00036 -0.00053	-0.00036 -0.00053	-0.00036 -0.00053
RSQ(I)	0.18171	0.66360	0.00851	0.00058
RSQ(S,P,E,T)		0.68070		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-11

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 5, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00428 0.00622	0.56332 0.81937	0.00009 0.00014	0.00168 0.00245
C(S,P)	0.09379 0.13642	0.09379 0.13642		
C(S,E)	-0.00006 -0.00008		-0.00006 -0.00008	
C(S,T)	0.00079 0.00114			0.00079 0.00114
C(P,E)		0.00627 0.00912	0.00627 0.00912	
C(P,T)		-0.00055 -0.00081		-0.00055 -0.00081
C(E,T)			-0.00005 -0.00008	-0.00005 -0.00008
C(S,P,E)	0.00805 0.01171	0.00805 0.01171	0.00805 0.01171	
C(S,P,T)	0.00369 0.00537	0.00369 0.00537		0.00369 0.00537
C(S,E,T)	0.00047 0.00069		0.00047 0.00069	0.00047 0.00069
C(P,E,T)		0.00057 0.00082	0.00057 0.00082	0.00057 0.00082
C(S,P,E,T)	0.00517 0.00751	0.00517 0.00751	0.00517 0.00751	0.00517 0.00751
RSQ(I)	0.11618	0.68030	0.02051	0.01176
RSQ(S,P,E,T)		0.68750		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-12

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 7, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00061 0.00087	0.59610 0.85334	0.00970 0.01388	0.00094 0.00134
C(S,P)	0.08278 0.11850	0.08278 0.11850		
C(S,E)	-0.00019 -0.00026		-0.00019 -0.00026	
C(S,T)	0.00002 0.00003			0.00002 0.00003
C(P,E)		0.00255 0.00366	0.00255 0.00366	
C(P,T)		0.00167 0.00239		0.00167 0.00239
C(E,T)			-0.00087 -0.00124	-0.00087 -0.00124
C(S,P,E)	0.00610 0.00873	0.00610 0.00873	0.00610 0.00873	
C(S,P,T)	0.00072 0.00103	0.00072 0.00103		0.00072 0.00103
C(S,E,T)	-0.00002 -0.00003		-0.00002 -0.00003	-0.00002 -0.00003
C(P,E,T)		-0.00107 -0.00154	-0.00107 -0.00154	-0.00107 -0.00154
C(S,P,E,T)	-0.00049 -0.00070	-0.00049 -0.00070	-0.00049 -0.00070	-0.00049 -0.00070
RSQ(I)	0.08954	0.68836	0.01572	0.00090
RSQ(S,P,E,T)		0.69855		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-13

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 8, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00152	0.60380	0.02107	0.00000
	0.00217	0.86180	0.03007	0.00000
C(S,P)	0.08779	0.08779		
	0.12530	0.12530		
C(S,E)	-0.00020		-0.00020	
	-0.00029		-0.00029	
C(S,T)	0.00001			0.00001
	0.00001			0.00001
C(P,E)		-0.00886	-0.00886	
		-0.01264	-0.01264	
C(P,T)		0.00006		0.00006
		0.00009		0.00009
C(E,T)			0.00001	0.00001
			0.00002	0.00002
C(S,P,E)	-0.00455	-0.00455	-0.00455	
	-0.00649	-0.00649	-0.00649	
C(S,P,T)	-0.00006	-0.00006		-0.00006
	-0.00009	-0.00009		-0.00009
C(S,E,T)	-0.00000		-0.00000	-0.00000
	-0.00000		-0.00000	-0.00000
C(P,E,T)		-0.00008	-0.00008	-0.00008
		-0.00011	-0.00011	-0.00011
C(S,P,E,T)	0.00011	0.00011	0.00011	0.00011
	0.00016	0.00016	0.00016	0.00016
RSQ(I)	0.08461	0.67822	0.00750	0.00005
RSQ(S,P,E,T)		0.70062		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-14

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 9, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00177 0.00265	0.59912 0.89802	0.01557 0.02334	0.00016 0.00025
C(S,P)	0.03867 0.05797	0.03867 0.05797		
C(S,E)	-0.00174 -0.00261		-0.00174 -0.00261	
C(S,T)	0.00009 0.00014			0.00009 0.00014
C(P,E)		-0.00426 -0.00638	-0.00426 -0.00638	
C(P,T)		0.01974 0.02958		0.01974 0.02958
C(E,T)			-0.00010 -0.00015	-0.00010 -0.00015
C(S,P,E)	0.00133 0.00199	0.00133 0.00199	0.00133 0.00199	
C(S,P,T)	0.00704 0.01055	0.00704 0.01055		0.00704 0.01055
C(S,E,T)	-0.00010 -0.00015		-0.00010 -0.00015	-0.00010 -0.00015
C(P,E,T)		-0.00841 -0.01261	-0.00841 -0.01261	-0.00841 -0.01261
C(S,P,E,T)	-0.00173 -0.00260	-0.00173 -0.00260	-0.00173 -0.00260	-0.00173 -0.00260
RSQ(I)	0.04533	0.65150	0.00056	0.01669
RSQ(S,P,E,T)		0.66716		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-15

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 10, SPRING 1973, READING TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00001 0.00002	0.61449 0.94752	0.01312 0.02023	0.00299 0.00461
C(S,P)	0.00265 0.00409	0.00265 0.00409		
C(S,E)	0.00127 0.00196		0.00127 0.00196	
C(S,T)	-0.00000 -0.00001			-0.00000 -0.00001
C(P,E)		-0.01187 -0.01830	-0.01187 -0.01830	
C(P,T)		0.01056 0.01628		0.01056 0.01628
C(E,T)			0.00811 0.01250	0.00811 0.01250
C(S,P,E)	-0.00006 -0.00009	-0.00006 -0.00009	-0.00006 -0.00009	
C(S,P,T)	-0.00012 -0.00018	-0.00012 -0.00018		-0.00012 -0.00018
C(S,E,T)	0.00015 0.00022		0.00015 0.00022	0.00015 0.00022
C(P,E,T)		0.00742 0.01144	0.00742 0.01144	0.00742 0.01144
C(S,P,E,T)	-0.00018 -0.00028	-0.00018 -0.00028	-0.00018 -0.00028	-0.00018 -0.00028
RSQ(I)	0.00371	0.62288	0.01795	0.02891
RSQ(S,P,E,T)		0.64852		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE D-1

Regression Coefficients for the Level of Innovation Growth Model--Reading Total Score Analysis, Spring 1972 Analysis

Cohort 2

Variable	Multiple R	B	Beta	F
COMPSES	0.33433	1.74871	0.27938	78.435
RESR71	0.49381	2.06320	0.37479	144.674
E2LI	0.49444	-0.08837	-0.00574	0.031
E2NMIN	0.49736	0.13406	0.06949	4.604
T2TQ	0.50943	0.71665	0.11205	13.108
(Constant)		-86.84752		

(df = 5; 799)

Cohort 3

Variable	Multiple R	B	Beta	F
COMPSES	0.38579	0.50181	0.07793	30.838
RESR71	0.83463	0.79539	0.80698	3440.047
E2LI	0.83525	-0.57639	-0.03880	8.555
E2NMIN	0.83719	0.11999	0.05673	19.655
T2TQ	0.83766	0.23234	0.02828	4.940
(Constant)		46.33872		

(df = 5; 1873)

Cohort 5

Variable	Multiple R	B	Beta	F
COMPSES	0.24982	0.17197	0.03370	6.917
RESR71	0.84142	0.83778	0.83125	4200.969
E2LI	0.84150	-0.23261	-0.01271	1.022
E2NMIN	0.84155	0.02387	0.00901	0.521
T2TQ	0.84168	0.12254	0.01472	1.390
(Constant)		81.46271		

(df = 5; 1910)

TABLE D-1, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Reading Total Score Analysis, Spring 1972 Analysis

Cohort 7

Variable	Multiple R	B	Beta	F
COMPSES	0.31959	0.49165	0.06622	18.868
RESR71	0.84456	0.83715	0.81739	3156.736
E2LI	0.84607	0.82698	0.04826	10.914
E2NMIN	0.84607	0.04507	0.00666	0.170
T2TQ	0.84621	-0.13836	-0.01709	1.173
(Constant)		74.20615		

(df = 5; 1478)

Cohort 8

Variable	Multiple R	B	Beta	F
COMPSES	0.32292	0.30841	0.03897	6.131
RESR71	0.83435	0.90910	0.81689	2782.521
E2LI	0.83439	-0.58194	-0.02635	3.067
E2NMIN	0.83726	0.75114	0.05333	11.333
T2TQ	0.83865	-0.50326	-0.05237	10.974
(Constant)		71.76534		

(df = 5; 1400)

Cohort 9

Variable	Multiple R	B	Beta	F
COMPSES	0.32391	0.37715	0.04394	4.403
RESR71	0.86039	0.85123	0.84290	1759.502
E2LI	0.86229	2.50965	0.13831	21.414
E2NMIN	0.86525	1.10541	0.11329	13.831
T2TQ	0.86539	-0.18670	-0.01602	0.682
(Constant)		-21.99241		

(df = 5; 693)

TABLE D-1, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Reading Total Score Analysis, Spring 1972 Analysis

Cohort 10

Variable	Multiple R	B	Beta	F
COMPSES	0.13084	0.28871	0.03494	2.753
RESR71	0.80695	0.80759	0.80188	1535.220
E2LI	0.80795	0.83774	0.03578	2.640
E2NMIN	0.80795	-0.00263	-0.00064	0.001
T2TQ	0.80804	0.12559	0.01232	0.319
(Constant)		86.07870		

(df = 5; 844)

TABLE D-2

Regression Coefficients for the Level of Innovation Growth Model--Reading Total Score Analysis, Spring 1973 Analysis

Cohort 0

Variable	Multiple R	B	Beta	F
COMPSES	0.22746	0.91172	0.15493	17.395
RESR72	0.40863	1.93700	0.35783	96.335
E3LI	0.41553	-1.71578	-0.08853	4.081
E3NMIN	0.41790	-0.08546	-0.04615	1.316
T3TQ	0.41882	0.23724	0.02988	0.619
(Constant)		101.19858		

(df = 5; 668)

Cohort 2

Variable	Multiple R	B	Beta	F
COMPSES	0.31065	0.62953	0.09440	15.623
RESR72	0.79640	0.78099	0.76629	1086.310
E3LI	0.79803	-1.30600	-0.06433	7.701
E3NMIN	0.79905	-0.07518	-0.03997	3.111
T3TQ	0.79939	-0.21749	-0.02415	1.159
(Constant)		123.21020		

(df = 5; 751)

Cohort 3

Variable	Multiple R	B	Beta	F
COMPSES	0.42627	0.85879	0.12353	74.657
RESR72	0.82329	0.87739	0.76529	2939.271
E3LI	0.82349	-0.39193	-0.01873	1.979
E3NMIN	0.82440	-0.10106	-0.03859	8.626
T3TQ	0.82504	-0.28757	-0.03334	6.354
(Constant)		49.45867		

(df = 5; 1899)

TABLE D-2, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Reading Total Score Analysis, Spring 1973 Analysis

Cohort 5

Variable	Multiple R	B	Beta	F
COMPSES	0.34085	0.59173	0.07198	24.478
RESR72	0.82812	0.98211	0.79882	3223.109
E3LI	0.82812	-0.13710	-0.00769	0.319
E3NMIN	0.82814	0.04240	0.00532	0.137
T3TQ	0.82916	-0.48166	-0.04355	9.636
(Constant)		8.96559		

(df = 5; 1788)

Cohort 7

Variable	Multiple R	B	Beta	F
COMPSES	0.29923	0.22322	0.02717	2.498
RESR72	0.82993	0.95050	0.82051	2442.132
E3LI	0.83313	-1.56141	-0.06877	17.874
E3NMIN	0.83523	-0.94220	-0.06714	16.902
T3TQ	0.83579	-0.31253	-0.03157	3.842
(Constant)		142.44795		

(df = 5; 1235)

Cohort 8

Variable	Multiple R	B	Beta	F
COMPSES	0.29088	0.35879	0.04139	6.255
RESR72	0.82434	0.93477	0.82125	2484.721
E3LI	0.82976	-0.19929	-0.00835	0.148
E3NMIN	0.83703	-1.85913	-0.15113	49.580
T3TQ	0.83703	-0.01368	-0.00122	0.006
(Constant)		141.51000		

(df = 5; 1232)

TABLE D-2, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Reading Total Score Analysis, Spring 1973 Analysis

Cohort 9

Variable	Multiple R	B	Beta	F
COMPSES	0.21292	0.39392	0.04601	4.466
RESR72	0.80717	0.96335	0.81560	1512.016
E3LI	0.80725	-3.80780	-0.13875	14.319
E3NMIN	0.81670	-2.36157	-0.19765	38.258
T3TQ	0.81680	0.16599	0.01703	0.416
(Constant)		193.82060		

(df = 5; 840)

Cohort 10

Variable	Multiple R	B	Beta	F
COMPSES	0.06093	0.03171	0.00346	0.020
RESR72	0.79013	0.97470	0.80544	1171.340
E3LI	0.79383	-2.85427	-0.10444	5.672
E3NMIN	0.80345	-0.92284	-0.15506	24.191
T3TQ	0.80531	0.99574	0.10107	5.694
(Constant)		27.26374		

(df = 5; 670)

APPENDIX B[*]

Means, Standard Deviations, Intercorrelations, Commonality Analysis Tables and Regression Analysis Results - Arithmetic Total Score Analyses (for all Cohorts Except 1, 4 and 6)

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[*] See Appendix C for the definitions of all variable abbreviations.

TABLE A-1

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 2, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	371.4690	44.3664	793
COMPSES	99.8950	9.9472	793
RESR71	106.1248	10.2019	793
E2LI	19.7497	3.7638	793
E2NMIN	53.0984	8.3331	793
T2TQ	97.7338	9.5370	793
E2UO	2.7049	0.6690	793
E2IDM	1.3590	0.4401	793
E2TLDM	1.5870	0.4445	793
E2IIP	2.1362	0.6002	793
E2SC	1.8411	0.7230	793
E2UPA	1.6860	0.6265	793
E2CGO	1.9483	0.7324	793
E2TUC	1.8770	0.8136	793
E2CIP	2.1683	0.5933	793
E2USE	2.4418	0.5593	793
E2DI	7.6230	1.5998	793
T2AGE	34.9133	11.2690	793
T2TSB	103.7573	9.1478	793
RPRESES	-0.0000	36.9712	793
ATOT72	371.4691	44.7865	793
PCT72	75.7642	3.5503	793
ATOT71	106.1248	10.2899	793
PCT71	75.2427	4.3652	793

TABLE A-2

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 3, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	405.1940	38.9376	1808
COMPSES	99.3365	9.7939	1808
RESR71	374.6005	37.9275	1808
E2LI	18.2071	3.9413	1808
E2NMIN	52.7605	9.4637	1808
T2TQ	100.3747	8.1983	1808
E2UO	2.2109	0.8778	1808
E2IDM	1.2839	0.3406	1808
E2TLDM	1.8244	0.5519	1808
E2IIP	1.8523	0.6023	1808
E2SC	1.6941	0.7243	1808
E2UPA	1.4552	0.6279	1808
E2CGO	1.9574	0.7157	1808
E2TUC	1.7237	0.7256	1808
E2CIP	1.8722	0.5021	1808
E2USE	2.3328	0.6432	1808
E2DI	6.9242	1.6060	1808
T2AGE	38.3189	11.3262	1808
T2TSB	97.8335	9.1205	1808
RPRESES	0.0000	24.5422	1808
ATOT72	405.1941	38.9498	1808
PCT72	74.8992	5.0054	1808
ATOT71	374.6007	38.3163	1808
PCT71	78.0605	6.7928	1808

TABLE A-3

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 5, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	479.5717	61.5600	1845
COMPSES	99.0608	9.8070	1845
RESR71	448.6346	56.8833	1845
E2LI	18.8564	3.2970	1845
E2NMIN	51.9480	7.5793	1845
T2TQ	100.5509	9.1247	1845
E2UO	2.4562	0.7970	1845
E2IDM	1.2528	0.3554	1845
E2TLDM	1.8485	0.6690	1845
E2IIP	2.1751	0.6328	1845
E2SC	1.4195	0.5214	1845
E2UPA	1.4797	0.6727	1845
E2CGO	1.8997	0.6630	1845
E2TUC	1.7425	0.6349	1845
E2CIP	2.0843	0.6318	1845
E2USE	2.4981	0.5799	1845
E2DI	7.4056	1.4147	1845
T2AGE	36.4210	10.4687	1845
T2TSB	96.9792	9.5809	1845
RPRESES	-0.0000	35.5314	1845
ATOT72	479.5718	61.6942	1845
PCT72	75.3402	5.0488	1845
ATOT71	448.6347	56.9514	1845
PCT71	78.7325	6.9346	1845

TABLE A-4

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 7, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	552.9776	72.1769	1299
COMPSES	99.8254	10.0681	1299
RESR71	514.5703	67.0377	1299
E2LI	19.2549	4.4912	1299
E2NMIN	52.8499	9.2206	1299
T2TQ	102.6839	8.5331	1299
E2UO	2.4827	0.7502	1299
E2IDM	1.1514	0.3354	1299
E2TLDM	2.2440	0.6442	1299
E2IIP	2.0146	0.7615	1299
E2SC	1.6674	0.8875	1299
E2UPA	1.7144	0.8469	1299
E2CGO	1.8761	0.8295	1299
E2TUC	1.7179	0.7393	1299
E2CIP	2.0754	0.7459	1299
E2USE	2.3110	0.8171	1299
E2DI	7.1914	1.9595	1299
T2AGE	37.3275	10.8143	1299
T2TSB	96.7823	7.9744	1299
RPRESES	0.0000	38.5119	1299
ATOT72	552.9777	72.3900	1299
PCT72	74.9125	5.5367	1299
ATOT71	514.5704	67.2436	1299
PCT71	78.3828	6.4203	1299

TABLE A-5

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 8, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	598.5096	75.4055	1295
COMPSES	100.7489	9.9722	1295
RESR71	552.9358	60.2169	1295
E2LI	17.4834	4.3039	1295
E2NMIN	54.4015	5.7452	1295
T2TQ	102.0599	8.9777	1295
E2UO	2.5032	0.6420	1295
E2IDM	1.2296	0.2877	1295
E2TLDM	2.0664	0.4769	1295
E2IIP	1.7336	0.9642	1295
E2SC	1.5506	0.7305	1295
E2UPA	1.4402	0.5283	1295
E2CGO	1.5274	0.4994	1295
E2TUC	1.4263	0.4978	1295
E2CIP	1.8178	0.7472	1295
E2USE	2.1884	0.8362	1295
E2DI	6.5918	2.3195	1295
T2AGE	35.7829	9.5143	1295
T2TSB	95.4857	7.9093	1295
RPRESES	-0.0000	43.2700	1295
ATOT72	598.5097	75.5415	1295
PCT72	73.5886	5.5318	1295
ATOT71	552.9359	60.2379	1295
PCT71	78.1039	6.2556	1295

TABLE A-6

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 9, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	627.4855	81.0161	554
COMPSES	100.4746	9.9250	554
RESR71	606.6154	74.1173	554
E2LI	19.6285	3.2093	554
E2NMIN	54.2960	9.0383	554
T2TQ	101.4801	8.6528	554
E2UO	2.6727	0.3336	554
E2IDM	1.3953	0.3569	554
E2TLDM	1.8484	0.3590	554
E2IIP	2.2238	0.8634	554
E2SC	2.0740	0.7013	554
E2UPA	1.5090	0.5004	554
E2CGO	1.8538	0.3687	554
E2TUC	1.1778	0.2560	554
E2CIP	2.1300	0.5254	554
E2USE	2.7437	0.5084	554
E2DI	7.8719	1.8523	554
T2AGE	35.7076	8.9806	554
T2TSB	98.8959	7.0289	554
RPRESES	-0.0001	39.5016	554
ATOT72	627.4856	81.1306	554
PCT72	70.8702	2.9626	554
ATOT71	606.6155	74.1522	554
PCT71	75.0977	5.1610	554

TABLE A-7

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 10, Spring 1972

Variable	Mean	Standard Deviation	Cases
RESR72	668.6593	77.4610	502
COMPSES	100.6005	9.9846	502
RESR71	647.4820	70.3238	502
E2LI	19.1833	3.7451	502
E2NMIN	56.1355	7.9045	502
T2TQ	100.0038	8.4154	502
E2UO	2.6879	0.3330	502
E2IDM	1.3885	0.3458	502
E2TLDM	1.7590	0.4281	502
E2IIP	2.3386	0.7821	502
E2SC	1.9183	0.6800	502
E2UPA	1.5319	0.4995	502
E2CGO	1.7590	0.4281	502
E2TUC	1.1135	0.2097	502
E2CIP	2.0418	0.6176	502
E2USE	2.6448	0.5804	502
E2DI	7.9037	1.8959	502
T2AGE	34.5624	9.6007	502
T2TSB	99.4818	6.5078	502
RPRESES	0.0001	42.8712	502
ATOT72	668.6594	77.7125	502
PCT72	71.5347	2.7989	502
ATOT71	647.4821	70.4132	502
PCT71	76.2129	5.1555	502

TABLE A-8

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 0, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	327.8952	36.0746	640
COMPSES	100.7606	10.1531	640
RESR72	93.1969	12.8551	640
E3LI	21.3708	3.1992	640
E3NMIN	47.8594	13.0706	640
T3TQ	98.7560	7.4640	640
E3UO	2.7562	0.5522	640
E3IDM	1.5240	0.4799	640
E3TLDM	1.8125	0.4869	640
E3IIP	2.2078	0.4061	640
E3SC	1.7563	0.5973	640
E3UPA	1.9969	0.8484	640
E3CGO	2.3156	0.4651	640
E3TUC	2.3313	0.6314	640
E3CIP	2.1906	0.5492	640
E3USE	2.4797	0.5449	640
E3DI	8.2083	1.5219	640
T3AGE	33.4328	8.9163	640
T3TSB	101.5237	10.0772	640
RPRESES	-0.0000	32.7040	640
ATOT73	327.8953	36.2295	640
PCT73	79.9991	4.4309	640
ATOT72	93.1969	12.9686	640
PCT72	75.5200	3.7007	640

TABLE A-9

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 2, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	402.9398	41.0836	699
COMPSES	99.6518	9.5926	699
RESR72	369.6894	43.4671	699
E3LI	20.9819	3.2229	699
E3NMIN	51.5308	7.9045	699
T3TQ	99.3639	8.0118	699
E3UO	2.6175	0.6546	699
E3IDM	1.5165	0.4600	699
E3TLDM	1.8083	0.4656	699
E3IIP	2.2146	0.4571	699
E3SC	1.7754	0.6216	699
E3UPA	1.8841	0.8237	699
E3CGO	2.4020	0.4907	699
E3TUC	2.1974	0.7134	699
E3CIP	2.0901	0.5983	699
E3USE	2.4759	0.5096	699
E3DI	8.0911	1.4763	699
T3AGE	36.1860	12.3405	699
T3TSB	100.2992	11.4861	699
RPRESES	0.0000	25.9372	699
ATOT73	402.9399	41.1026	699
PCT73	79.5046	4.3850	699
ATOT72	369.6896	44.0421	699
PCT72	76.1805	3.7465	699

TABLE A-10

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 3, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	450.2748	56.9405	1808
COMPSES	99.8679	9.9568	1808
RESR72	406.9208	38.4131	1808
E3LI	19.5102	3.6070	1808
E3NMIN	51.3429	10.1176	1808
T3TQ	102.0237	8.3548	1808
E3UO	2.4860	0.7308	1808
E3IDM	1.2553	0.3759	1808
E3TLDM	1.9887	0.6188	1808
E3IIP	2.0337	0.6806	1808
E3SC	1.6228	0.5669	1808
E3UPA	1.6881	0.8143	1808
E3CGO	2.0785	0.5660	1808
E3TUC	1.6991	0.7055	1808
E3CIP	2.0971	0.5541	1808
E3USE	2.5609	0.4715	1808
E3DI	7.5380	1.6272	1808
T3AGE	38.3368	10.6219	1808
T3TSB	97.5306	9.1128	1808
RPRESES	0.0000	34.2683	1808
ATOT73	450.2749	56.9454	1808
PCT73	76.9003	5.8200	1808
ATOT72	406.9209	38.4140	1808
PCT72	75.4716	5.1782	1808

TABLE A-11

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 5, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	496.1341	73.7946	1804
COMPSES	99.5019	9.7677	1804
RESR72	482.4605	57.5178	1804
E3LI	18.8673	4.7728	1804
E3NMIN	51.6724	8.9659	1804
T3TQ	101.2985	8.1274	1804
E3UO	2.3932	0.7400	1804
E3IDM	1.1162	0.2363	1804
E3TLDM	2.1394	0.7240	1804
E3IIP	1.9884	0.8970	1804
E3SC	1.3631	0.6532	1804
E3UPA	1.8503	0.9217	1804
E3CGO	1.8348	0.6829	1804
E3TUC	1.6555	0.7219	1804
E3CIP	2.1048	0.6699	1804
E3USE	2.4217	0.6791	1804
E3DI	7.3766	2.0426	1804
T3AGE	38.0185	10.5961	1804
T3TSB	97.3942	8.2752	1804
RPRESES	-0.0000	41.5932	1804
ATOT73	496.1341	74.0135	1804
PCT73	77.5165	5.7783	1804
ATOT72	482.4606	57.5223	1804
PCT72	75.4114	5.0171	1804

TABLE A-12

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 7, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	595.6765	79.4896	1172
COMPSES	99.8547	10.0225	1172
RESR72	560.6210	64.6636	1172
E3LI	17.1529	3.9787	1172
E3NMIN	55.5930	5.6938	1172
T3TQ	102.3331	8.4712	1172
E3UO	2.5330	0.6209	1172
E3IDM	1.2528	0.3846	1172
E3TLDM	2.1664	0.4523	1172
E3IIP	1.7543	0.9698	1172
E3SC	1.3524	0.4779	1172
E3UPA	1.3882	0.5230	1172
E3CGO	1.5520	0.5323	1172
E3TUC	1.1642	0.2865	1172
E3CIP	1.7696	0.7325	1172
E3USE	2.2198	0.7422	1172
E3DI	6.6152	2.1673	1172
T3AGE	37.1997	9.6666	1172
T3TSB	95.7665	7.7455	1172
RPRESES	0.0000	43.2660	1172
ATOT73	595.6766	79.7687	1172
PCT73	76.0072	6.6111	1172
ATOT72	560.6212	64.7590	1172
PCT72	73.8502	5.8698	1172

TABLE A-13

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 8, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	627.5125	78.5574	1069
COMPSES	101.3643	10.0934	1069
RESR72	609.3750	73.2036	1069
E3LI	16.8410	3.7499	1069
E3NMIN	55.2011	7.9930	1069
T3TQ	100.8324	9.1094	1069
E3UO	2.5896	0.4875	1069
E3IDM	1.3056	0.4382	1069
E3TLDM	1.6445	0.4680	1069
E3IIP	1.7007	0.8964	1069
E3SC	1.5725	0.7367	1069
E3UPA	1.4397	0.4966	1069
E3CGO	1.5865	0.4927	1069
E3TUC	1.0187	0.0949	1069
E3CIP	1.8007	0.5746	1069
E3USE	2.1824	0.6548	1069
E3DI	6.6283	2.1566	1069
T3AGE	35.4906	9.8056	1069
T3TSB	98.9857	7.4022	1069
RPRESES	-0.0001	42.4690	1069
ATOT73	627.5126	78.5872	1069
PCT73	77.8366	6.1117	1069
ATOT72	609.3751	73.2037	1069
PCT72	74.2850	5.3403	1069

TABLE A-14

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 9, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	659.8403	74.2940	464
COMPSES	103.1103	9.8721	464
RESR72	643.5365	68.9602	464
E3LI	19.4907	3.2352	464
E3NMIN	56.8103	7.3304	464
T3TQ	99.9887	8.1465	464
E3UO	2.6164	0.5009	464
E3IDM	1.6178	0.4237	464
E3TLDM	1.8405	0.3665	464
E3IIP	2.3341	0.7876	464
E3SC	1.8513	0.6682	464
E3UPA	1.5323	0.4995	464
E3CGO	2.0000	0.0	464
E3TUC	1.0065	0.0565	464
E3CIP	2.1444	0.4242	464
E3USE	2.5474	0.5693	464
E3DI	8.0316	2.1157	464
T3AGE	35.6053	9.6608	464
T3TSB	100.1942	7.4095	464
RPRESES	0.0001	42.0400	464
ATOT73	659.8405	75.5294	464
PCT73	79.1509	6.7794	464
ATOT72	643.5366	68.9982	464
PCT72	71.6774	2.6378	464

TABLE A-15

Means and Standard Deviations for all Analysis Variables
Arithmetic Total Score Analysis
Cohort 10, Spring 1973

Variable	Mean	Standard Deviation	Cases
RESR73	683.9208	66.8892	215
COMPSES	100.7988	10.5083	215
RESR72	676.9394	66.9457	215
E3LI	19.6612	3.1734	215
E3NMIN	56.5581	7.5668	215
T3TQ	104.1258	8.6817	215
E3UO	2.6217	0.5131	215
E3IDM	1.6186	0.4327	215
E3TLDM	1.8279	0.3783	215
E3IIP	2.3721	0.7619	215
E3SC	1.8884	0.6674	215
E3UPA	1.5442	0.4992	215
E3CGO	2.0000	0.0	215
E3TUC	1.0302	0.1195	215
E3CIP	2.1907	0.4140	215
E3USE	2.5674	0.5425	215
E3DI	8.1023	2.1003	215
T3AGE	39.6884	13.4161	215
T3TSB	99.2725	8.6206	215
RPRESES	0.0000	44.1054	215
ATOT73	683.9209	68.3178	215
PCT73	78.7921	6.8857	215
ATOT72	676.9395	67.4168	215
PCT72	71.6670	2.7290	215

TABLE B-1
Intercorrelations among Analysis Variables -- Cohort 2, Spring 1972, Arithmetic Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.26303	0.51296	-0.04613	0.10110	0.06654	-0.04557	-0.03762	-0.00699	0.02928	0.04176	0.00701
COMPSES	0.26303	1.00000	0.11355	0.23102	-0.09628	0.07497	0.29275	0.06991	0.11868	0.16875	0.02606	-0.00285
RESR71	0.51296	0.11355	1.00000	-0.07992	0.07847	-0.02795	-0.05432	-0.05300	-0.16937	0.06063	0.07171	0.01354
E2LI	-0.04613	0.23102	-0.07992	1.00000	-0.35944	-0.00543	0.81563	0.64425	0.37434	0.46245	0.62847	0.79772
E2NMIN	0.10110	-0.09628	0.07847	-0.35944	1.00000	-0.08900	-0.16646	-0.25732	-0.05549	-0.30033	0.06400	-0.23788
T2TQ	0.06654	0.07497	-0.02795	-0.00543	-0.08900	1.00000	-0.15771	0.09065	-0.06320	0.07090	-0.14744	-0.06009
E2UO	-0.04557	0.29275	-0.05432	0.81563	-0.16646	-0.15771	1.00000	0.36025	0.15862	0.55930	0.51377	0.48359
E2IDM	-0.03762	0.06991	-0.05300	0.64425	-0.25732	0.09065	0.36025	1.00000	0.05960	0.26404	0.34354	0.50712
E2TLDM	-0.00699	0.11868	-0.16937	0.37434	-0.05549	-0.06320	0.15862	0.05960	1.00000	-0.43492	0.33184	0.42470
E2IIP	0.02928	0.16875	0.06063	0.46245	-0.30033	0.07090	0.55930	0.26404	-0.43492	1.00000	0.26817	0.29187
E2SC	0.04176	0.02606	0.07171	0.62847	0.06400	-0.14744	0.51377	0.34354	0.33184	0.26817	1.00000	0.75949
E2UPA	0.00701	-0.00285	0.01354	0.79772	-0.23788	-0.06009	0.48359	0.50712	0.42470	0.29187	0.75949	1.00000
E2CGO	-0.07103	-0.02939	0.09647	0.40430	-0.25817	-0.00205	0.31238	0.42588	-0.40887	0.28029	0.04408	0.24250
E2TUC	-0.07115	0.28649	-0.18235	0.67611	-0.40476	0.06498	0.44667	0.50373	0.40667	-0.05746	0.07085	0.33910
E2CIP	-0.08074	0.19686	-0.17030	0.46724	-0.29054	0.04774	0.35964	0.15837	0.58234	0.24402	0.31559	0.36322
E2USE	-0.03184	0.25645	-0.14986	0.73861	-0.23211	0.17032	0.63671	0.31645	0.37587	0.29195	0.15402	0.44203
E2DI	-0.00775	0.17108	-0.03893	0.92133	-0.35776	0.08756	0.72091	0.68336	0.15095	0.66416	0.54637	0.79513
T2AGE	0.11073	-0.05883	0.13667	-0.33128	0.34013	0.56328	-0.39852	-0.08295	-0.12378	-0.29993	-0.14665	-0.18716
T2TSB	-0.14442	-0.03692	-0.03329	0.25291	-0.06684	-0.06669	0.29068	0.03101	0.15416	0.28492	0.14127	0.25784
RPRESES	0.83492	0.00621	0.00071	-0.06450	0.09860	0.07807	-0.09385	-0.03099	0.06227	-0.04143	0.00167	0.00115
ATOT72	0.99062	0.26783	0.53258	-0.09330	0.11720	0.05611	-0.03372	-0.08529	-0.09814	0.06902	-0.00023	-0.06027
PCT72	0.00000	0.05320	0.17880	-0.34841	0.12479	-0.07177	0.08361	-0.35142	-0.66754	0.29282	-0.30444	-0.49192
ATOT71	0.51904	0.16862	0.99145	-0.08785	0.06881	-0.02770	-0.02117	-0.08065	-0.19367	0.08924	0.02321	-0.04503
PCT71	0.08021	0.42935	-0.00000	-0.06599	-0.06886	0.00007	0.25041	-0.21532	-0.19733	0.22318	-0.36692	-0.44790

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	ATOT72	PCT72	ATOT71	PCT71
RESR72	-0.07103	-0.07115	-0.08074	-0.03184	-0.00775	0.11073	-0.14442	0.83492	0.99062	0.00000	0.51904	0.08021
COMPSES	-0.02939	0.28649	0.19686	0.25645	0.17108	-0.05883	-0.03692	0.00621	0.26783	0.05320	0.16862	0.42935
RESR71	0.09647	-0.18235	-0.17030	-0.14986	-0.03893	0.13667	-0.03329	0.00071	0.53258	0.17880	0.99145	-0.00000
E2LI	0.40430	0.67611	0.46724	0.73861	0.92133	-0.33128	0.25291	-0.06450	-0.09330	-0.34841	-0.08785	-0.06599
E2NMIN	-0.25817	-0.40476	-0.29054	-0.23211	-0.35776	0.34013	-0.06684	0.09860	0.11720	0.12479	0.06881	-0.06886
T2TQ	-0.00205	0.06498	0.04774	0.17032	0.08756	0.56328	-0.06669	0.07807	0.05611	-0.07177	-0.02770	0.00007
E2UO	0.31238	0.44667	0.35964	0.63671	0.72091	-0.39852	0.29068	-0.09385	-0.03372	0.08361	-0.02117	0.25041
E2IDM	0.42588	0.50373	0.15837	0.31645	0.68336	-0.08295	0.03101	-0.03099	-0.08529	-0.35142	-0.08065	-0.21532
E2TLDM	-0.40887	0.40667	0.58234	0.37587	0.15095	-0.12378	0.15416	0.06227	-0.09814	-0.66754	-0.19367	-0.19733
E2IIP	0.28029	-0.05746	0.24402	0.29195	0.66416	-0.29993	0.28492	-0.04143	0.06902	0.29282	0.08924	0.22318
E2SC	0.04408	0.07085	0.31559	0.15402	0.54637	-0.14665	0.14127	0.00167	-0.00023	-0.30444	0.02321	-0.36692
E2UPA	0.24250	0.33910	0.36322	0.44203	0.79513	-0.18716	0.25784	0.00115	-0.06027	-0.49192	-0.04503	-0.44790
E2CGO	1.00000	0.44486	-0.47535	0.25511	0.40646	-0.07894	-0.06514	-0.13476	-0.04052	0.21842	0.09786	0.01692
E2TUC	0.44486	1.00000	0.18288	0.65498	0.47880	-0.18948	-0.07539	-0.04783	-0.12754	-0.41759	-0.16519	0.11950
E2CIP	-0.47535	0.18288	1.00000	0.34570	0.39821	-0.24869	0.35373	-0.04466	-0.13745	-0.42063	-0.17552	-0.05119
E2USE	0.25511	0.65498	0.34570	1.00000	0.71931	-0.22512	0.24989	-0.01245	-0.06428	-0.23964	-0.12543	0.17738
E2DI	0.40646	0.47880	0.39821	0.71931	1.00000	-0.28734	0.30376	-0.02797	-0.04364	-0.26323	-0.05019	-0.08888
T2AGE	-0.07894	-0.18948	-0.24869	-0.22512	-0.28734	1.00000	-0.21629	0.06689	0.11155	0.01361	0.11075	-0.18961
T2TSB	-0.06514	-0.07539	0.35373	0.24989	0.30376	-0.21629	1.00000	-0.14479	-0.12417	0.13828	-0.02278	0.07834
RPRESES	-0.13476	-0.04783	-0.04466	-0.01245	-0.02797	0.06689	-0.14479	1.00000	0.81097	-0.11792	-0.00034	-0.00797
ATOT72	-0.04052	-0.12754	-0.13745	-0.06428	-0.04364	0.11155	-0.12417	0.81097	1.00000	0.13664	0.54996	0.16805
PCT72	0.21842	-0.41759	-0.42063	-0.23964	-0.26323	0.01361	0.13828	-0.11792	0.13664	1.00000	0.26190	0.64837
ATOT71	0.09786	-0.16519	-0.17552	-0.12543	-0.05019	0.11075	-0.02278	-0.00034	0.54996	0.26190	1.00000	0.13052
PCT71	0.01692	0.11950	-0.05119	0.17738	-0.08888	-0.18961	0.07834	-0.00797	0.16805	0.64837	0.13052	1.00000

TABLE B-2
Intercorrelations among Analysis Variables -- Cohort 3, Spring 1972, Arithmetic Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2MMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.33789	0.77349	0.02377	-0.11247	0.14715	0.05636	-0.07320	0.10006	-0.08207	-0.01550	0.02798
COMPSES	0.33789	1.00000	0.30590	0.21758	-0.07647	0.04061	0.29930	0.09477	0.09765	0.07130	0.05998	0.05634
RESR71	0.77349	0.30590	1.00000	0.08335	-0.03386	0.04078	0.07549	-0.00723	0.06947	0.02521	0.09272	0.06858
E2LI	0.02377	0.21758	0.08335	1.00000	-0.11294	-0.10447	0.85865	0.49353	0.18969	0.73372	0.58487	0.72887
E2MMIN	-0.11247	-0.07647	-0.03386	-0.11294	1.00000	-0.21535	-0.12490	-0.06290	-0.03931	-0.00805	0.19148	-0.25760
T2TQ	0.14715	0.04061	0.04078	-0.10447	-0.21535	1.00000	-0.06388	0.02088	0.04829	-0.16880	-0.33097	-0.11076
E2UO	0.05636	0.29930	0.07549	0.85865	-0.12490	-0.06388	1.00000	0.32447	0.07820	0.61052	0.44999	0.54227
E2IDM	-0.07320	0.09477	-0.00723	0.49353	-0.06290	0.02088	0.32447	1.00000	-0.21351	0.47879	0.27225	0.33557
E2TLDM	0.10006	0.09765	0.06947	0.18969	-0.03931	0.04829	0.07820	-0.21351	1.00000	-0.14880	0.16735	0.00882
E2IIP	-0.08207	0.07130	0.02521	0.73372	-0.00805	-0.16880	0.61052	0.47879	-0.14880	1.00000	0.38988	0.56709
E2SC	-0.01550	0.05998	0.09272	0.58487	0.19148	-0.33097	0.44999	0.27225	0.16735	0.38988	1.00000	0.35502
E2UPA	0.02798	0.05634	0.06858	0.72887	-0.25760	-0.11076	0.54227	0.33557	0.00882	0.56709	0.35502	1.00000
E2CGO	-0.03118	0.15848	0.07778	0.58047	-0.01695	-0.07147	0.53720	0.31979	-0.17093	0.64649	0.16168	0.30669
E2TUC	-0.01282	0.11629	-0.01223	0.62068	-0.12473	-0.02318	0.37001	0.40795	0.01594	0.34727	0.17453	0.41894
E2CIP	-0.04593	0.01315	-0.04281	0.60621	-0.14435	-0.09728	0.52033	0.25867	0.18909	0.34566	0.30415	0.59276
E2USE	0.17365	0.28369	0.11760	0.65514	-0.13893	0.21501	0.62865	0.13461	0.27744	0.22690	0.23009	0.35735
E2DI	0.03419	0.18249	0.08184	0.92722	-0.17272	-0.01607	0.76160	0.57675	0.01349	0.78919	0.43492	0.81795
T2AGE	0.16926	0.04142	0.11500	-0.27081	-0.31078	0.64553	-0.21134	-0.12911	-0.07343	-0.17415	-0.36731	-0.17073
T2TSB	0.01717	0.25715	0.07520	0.20918	0.26439	-0.30039	0.22446	-0.01260	0.07912	0.14385	0.16365	0.07714
RPRESES	0.66383	0.13149	0.04022	-0.07000	-0.13522	0.18377	-0.01282	-0.11199	0.07279	-0.16304	-0.13609	-0.03863
ATOT72	0.99969	0.34203	0.77438	0.03080	-0.11961	0.14484	0.06000	-0.06374	0.10564	-0.07745	-0.00957	0.03155
PCT72	-0.00000	-0.16991	-0.04532	-0.28156	0.28704	0.09066	-0.14620	-0.37776	-0.22453	-0.18395	-0.23727	-0.14339
ATOT71	0.77661	0.29499	0.98985	0.03558	-0.01498	0.06002	0.03909	-0.06189	0.07899	-0.01941	0.04358	0.02999
PCT71	0.07721	-0.05493	-0.00000	-0.33020	0.13045	0.13832	-0.25079	-0.38524	0.07196	-0.31226	-0.33923	-0.26670

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	ATOT72	PCT72	ATOT71	PCT71
RESR72	-0.03118	-0.01282	-0.04593	0.17365	0.03419	0.16926	0.01717	0.66383	0.99969	-0.00000	0.77661	0.07721
COMPSES	0.15848	0.11629	0.01315	0.28369	0.18249	0.04142	0.25715	0.13149	0.34203	-0.16991	0.29499	-0.05493
RESR71	0.07778	-0.01223	-0.04281	0.11760	0.08184	0.11500	0.07520	0.04022	0.77438	-0.04532	0.98985	-0.00000
E2LI	0.58047	0.62068	0.60621	0.65514	0.92722	-0.27081	0.20918	-0.07000	0.03080	-0.28156	0.03558	-0.33020
E2MMIN	-0.01695	-0.12473	-0.14435	-0.13893	-0.17272	-0.31078	0.26439	-0.13522	-0.11961	0.28704	-0.01498	0.13045
T2TQ	-0.07147	-0.02318	-0.09728	0.21501	-0.01607	0.64553	-0.30039	0.18377	0.14484	0.09066	0.06002	0.13832
E2UO	0.53720	0.37001	0.52033	0.62865	0.76160	-0.21134	0.22446	-0.01282	0.06000	-0.14620	0.03909	-0.25079
E2IDM	0.31979	0.40795	0.25867	0.13461	0.57675	-0.12911	-0.01260	-0.11199	-0.06374	-0.37776	-0.06189	-0.38524
E2TLDM	-0.17093	0.01594	0.18909	0.27744	0.01349	-0.07343	0.07912	0.07279	0.10564	-0.22453	0.07899	0.07196
E2IIP	0.64649	0.34727	0.34566	0.22690	0.78919	-0.17415	0.14385	-0.16304	-0.07745	-0.18395	-0.01941	-0.31226
E2SC	0.16168	0.17453	0.30415	0.23009	0.43492	-0.36731	0.16365	-0.13609	-0.00957	-0.23727	0.04358	-0.33923
E2UPA	0.30669	0.41894	0.59276	0.35735	0.81795	-0.17073	0.07714	-0.03863	0.03155	-0.14339	0.02999	-0.26670
E2CGO	1.00000	0.31461	-0.04903	0.28482	0.54427	-0.11629	0.22361	-0.14795	-0.03146	0.01175	0.08005	0.02159
E2TUC	0.31461	1.00000	0.34513	0.39038	0.53691	-0.15283	0.06472	-0.01131	-0.00712	-0.22807	-0.04192	-0.20981
E2CIP	-0.04903	0.34513	1.00000	0.34508	0.55446	-0.25370	0.10443	-0.02326	-0.03879	-0.28532	-0.10088	-0.41174
E2USE	0.28482	0.39038	0.34508	1.00000	0.65389	0.00356	0.11656	0.12457	0.17576	-0.08672	0.10646	-0.07005
E2DI	0.54427	0.53691	0.55446	0.65389	1.00000	-0.15802	0.12813	-0.05011	0.04017	-0.23990	0.03396	-0.33114
T2AGE	-0.11629	-0.15283	-0.25370	0.00356	-0.15802	1.00000	-0.30367	0.13175	0.16723	0.07920	0.11541	0.01112
T2TSB	0.22361	0.06472	0.10443	0.11656	0.12813	-0.30367	1.00000	-0.07274	0.02101	-0.15383	0.05647	-0.12644
RPRESES	-0.14795	-0.01131	-0.02326	0.12457	-0.05011	0.13175	-0.07274	1.00000	0.66210	0.06093	0.05758	0.12501
ATOT72	-0.03146	-0.00712	-0.03879	0.17576	0.04017	0.16723	0.02101	0.66210	1.00000	-0.02499	0.77498	0.05956
PCT72	0.01175	-0.22807	-0.28532	-0.08672	-0.23990	0.07920	-0.15383	0.06093	-0.02499	1.00000	0.05534	0.70519
ATOT71	0.08005	-0.04192	-0.10088	0.10646	0.03396	0.11541	0.05647	0.05758	0.77498	0.05534	1.00000	0.14209
PCT71	0.02159	-0.20981	-0.41174	-0.07005	-0.33114	0.01112	-0.12644	0.12501	0.05956	0.70519	0.14209	1.00000

TABLE B-3

Intercorrelations among Analysis Variables -- Cohort 5, Spring 1972, Arithmetic Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2MMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.26851	0.81598	-0.04517	0.02600	-0.00066	-0.01945	-0.03964	-0.06175	-0.09188	0.04568	0.02954
COMPSES	0.26851	1.00000	0.25531	0.00389	0.11659	-0.12561	0.16166	-0.08523	-0.04724	-0.16342	0.21133	-0.07732
RESR71	0.81598	0.25531	1.00000	0.02565	0.06333	0.03866	0.02375	0.00184	0.03495	-0.04407	0.07554	0.00603
E2LI	-0.04517	0.00389	0.02565	1.00000	-0.14575	-0.02766	0.77022	0.19809	0.51399	0.65554	0.39660	0.48191
E2MMIN	0.02600	0.11659	0.06333	-0.14575	1.00000	-0.13275	0.08749	-0.11543	-0.09641	-0.10461	0.14371	-0.34077
T2TQ	-0.00066	-0.12561	0.03866	-0.02766	-0.13275	1.00000	-0.19843	0.18055	0.13421	0.19141	-0.24785	-0.08805
E2UO	-0.01945	0.16166	0.02375	0.77022	0.08749	-0.19843	1.00000	-0.04247	0.27936	0.47919	0.34485	0.14290
E2IDM	-0.03964	-0.08523	0.00184	0.19809	-0.11543	0.18055	-0.04247	1.00000	-0.12208	0.08285	0.27226	0.44528
E2TLDM	-0.06175	-0.04724	0.03495	0.51399	-0.09641	0.13421	0.27936	-0.12208	1.00000	0.35663	-0.15817	-0.08245
E2IIP	-0.09188	-0.16342	-0.04407	0.65554	-0.10461	0.19141	0.47919	0.08285	0.35663	1.00000	-0.00083	0.18607
E2SC	0.04568	0.21133	0.07554	0.39660	0.14371	-0.24785	0.34485	0.27226	-0.15817	-0.00083	1.00000	0.31190
E2UPA	0.02954	-0.07732	0.00603	0.48191	-0.34077	-0.08805	0.14290	0.44528	-0.08245	0.18607	0.31190	1.00000
E2CGO	0.07166	0.09232	0.00849	0.23386	-0.16876	-0.11839	0.11638	0.27870	-0.27635	-0.16625	0.40416	0.46540
E2TUC	-0.08397	-0.17496	-0.02916	0.59211	-0.19444	0.05816	0.30942	-0.08520	0.50565	0.36467	-0.04052	0.06901
E2CIP	-0.11060	-0.07596	-0.02675	0.63080	-0.05820	0.08571	0.56708	-0.19273	0.49173	0.69616	-0.04483	-0.00905
E2USE	0.02087	0.15342	0.09631	0.67863	0.08251	-0.05566	0.62004	-0.15452	0.53471	0.33217	0.16764	0.12444
E2DI	-0.02845	-0.06839	0.02309	0.85033	-0.20401	0.06630	0.52579	0.43668	0.30884	0.69277	0.28506	0.72161
T2AGE	-0.01791	-0.18437	-0.02441	-0.04081	0.01007	0.66519	-0.14440	-0.05155	0.07302	0.23428	-0.25691	-0.14441
T2TSB	0.06281	0.41933	0.07478	-0.08146	0.01422	-0.36114	0.10836	0.00709	-0.00800	-0.27218	0.11461	-0.07302
RPRESES	0.59705	0.09230	0.02357	-0.11388	-0.04492	-0.05229	-0.06971	-0.06959	-0.15449	-0.09499	-0.02956	0.04432
ATOT72	0.99782	0.27551	0.81718	-0.03704	0.02695	0.00167	-0.02159	-0.01451	-0.05429	-0.10103	0.07317	0.04179
PCT72	-0.00000	-0.11511	-0.04506	-0.12194	-0.01531	-0.03542	0.03311	-0.37991	-0.11110	0.14193	-0.41851	-0.18671
ATOT71	0.81602	0.25374	0.99880	0.01682	0.05840	0.04774	0.01816	-0.02074	0.04223	-0.03951	0.05097	-0.01060
PCT71	0.02079	-0.02592	-0.00000	-0.17999	-0.09938	0.18654	-0.11371	-0.46173	0.14967	0.09218	-0.50063	-0.33981

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	ATOT72	PCT72	ATOT71	PCT71
RESR72	0.07166	-0.08397	-0.11060	0.02087	-0.02845	-0.01791	0.06281	0.59705	0.99782	-0.00000	0.81602	0.02079
COMPSES	0.09232	-0.17496	-0.07596	0.15342	-0.06839	-0.18437	0.41933	0.09230	0.27551	-0.11511	0.25374	-0.02592
RESR71	0.00849	-0.02916	-0.02675	0.09631	0.02309	-0.02441	0.07478	0.02357	0.81718	-0.04506	0.99880	-0.00000
E2LI	0.23386	0.59211	0.63080	0.67863	0.85033	-0.04081	-0.08146	-0.11388	-0.03704	-0.12194	0.01682	-0.17999
E2MMIN	-0.16876	-0.19444	-0.05820	0.08251	-0.20401	0.01007	0.01422	-0.04492	0.02695	-0.01531	0.05840	-0.09938
T2TQ	-0.11839	0.05816	0.08571	-0.05566	0.06630	0.66519	-0.36114	-0.05229	0.00167	-0.03542	0.04774	0.18654
E2UO	0.11638	0.30942	0.56708	0.62004	0.52579	-0.14440	0.10836	-0.06971	-0.02159	0.03311	0.01816	-0.11371
E2IDM	0.27870	-0.08520	-0.19273	-0.15452	0.43668	-0.05155	0.00709	-0.06959	-0.01451	-0.37991	-0.02074	-0.46173
E2TLDM	-0.27635	0.50565	0.49173	0.53471	0.30884	0.07302	-0.00800	-0.15449	-0.05429	-0.11110	0.04223	0.14967
E2IIP	-0.16625	0.36467	0.69616	0.33217	0.69277	0.23428	-0.27218	-0.09499	-0.10103	0.14193	-0.03951	0.09218
E2SC	0.40416	-0.04052	-0.04483	0.16764	0.28506	-0.25691	0.11461	-0.02956	0.07317	-0.41851	0.05097	-0.50063
E2UPA	0.46540	0.06901	-0.00905	0.12444	0.72161	-0.14441	-0.07302	0.04432	0.04179	-0.18671	-0.01060	-0.33981
E2CGO	1.00000	0.02754	-0.40899	-0.13192	0.16288	-0.07569	0.03107	0.11062	0.08277	-0.17094	-0.00042	-0.18212
E2TUC	0.02754	1.00000	0.44585	0.35636	0.32061	0.12307	-0.19212	-0.10173	-0.09172	0.12033	-0.02272	0.13099
E2CIP	-0.40899	0.44585	1.00000	0.53881	0.47955	0.14767	-0.16836	-0.15310	-0.11863	0.12548	-0.02192	0.09814
E2USE	-0.13192	0.35636	0.53881	1.00000	0.57885	-0.15245	0.02977	-0.10021	0.02167	-0.01279	0.09350	-0.05512
E2DI	0.16288	0.32061	0.47955	0.57885	1.00000	-0.03931	-0.14249	-0.07997	-0.02009	-0.12598	0.01040	-0.25894
T2AGE	-0.07569	0.12307	0.14767	-0.15245	-0.03931	1.00000	-0.53786	0.00633	-0.03359	0.23849	-0.01013	0.29149
T2TSB	0.03107	-0.19212	-0.16836	0.02977	-0.14249	-0.53786	1.00000	-0.00283	0.07725	-0.22115	0.06597	-0.17833
RPRESES	0.11062	-0.10173	-0.15310	-0.10021	-0.07997	0.00633	-0.00283	1.00000	0.59149	0.06464	0.02532	0.03653
ATOT72	0.08277	-0.09172	-0.11863	0.02167	-0.02009	-0.03359	0.07725	0.59149	1.00000	-0.06593	0.81487	-0.02721
PCT72	-0.17094	0.12033	0.12548	-0.01279	-0.12598	0.23849	-0.22115	0.06464	-0.06593	1.00000	-0.00943	0.72749
ATOT71	-0.00042	-0.02272	-0.02192	0.09350	0.01040	-0.01013	0.06597	0.02532	0.81487	-0.00943	1.00000	0.04890
PCT71	-0.18212	0.13099	0.09814	-0.05512	-0.25894	0.29149	-0.17833	0.03653	-0.02721	0.72749	0.04890	1.00000

TABLE B-4

Intercorrelations among Analysis Variables -- Cohort 7, Spring 1972, Arithmetic Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2MMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.24125	0.84556	-0.02521	-0.10378	0.07007	0.04270	-0.13300	0.05420	-0.15593	0.17225	0.02044
COMPSES	0.24125	1.00000	0.24291	0.21764	-0.16385	0.01959	0.15948	-0.00458	0.04787	-0.03188	0.39967	0.21811
RESR71	0.84556	0.24291	1.00000	-0.03179	-0.05195	0.08673	-0.01877	-0.01506	-0.00941	-0.13928	0.12680	0.07258
E2LI	-0.02521	0.21764	-0.03179	1.00000	-0.01455	-0.13633	0.80991	0.26203	0.55473	0.77831	0.53472	0.64349
E2MMIN	-0.10378	-0.16385	-0.05195	-0.01455	1.00000	-0.18097	-0.00797	0.18092	-0.16556	0.08425	-0.25239	0.14949
T2TQ	0.07007	0.01959	0.08673	-0.13633	-0.18097	1.00000	-0.16956	0.06010	-0.29043	-0.03934	-0.00802	0.00120
E2UO	0.04270	0.15948	-0.01877	0.80991	-0.00797	-0.16956	1.00000	-0.16750	0.52923	0.51129	0.51898	0.38000
E2IDM	-0.13300	-0.00458	-0.01506	0.26203	0.18092	0.06010	-0.16750	1.00000	-0.40293	0.49206	-0.33976	0.41815
E2TLDM	0.05420	0.04787	-0.00941	0.55473	-0.16556	-0.29043	0.52923	-0.40293	1.00000	0.34137	0.50456	0.17445
E2IIP	-0.15593	-0.03188	-0.13928	0.77831	0.08425	-0.03934	0.51129	0.49206	0.34137	1.00000	-0.01446	0.33737
E2SC	0.17225	0.39967	0.12680	0.53472	-0.25239	-0.00802	0.51898	-0.33976	0.50456	-0.01446	1.00000	0.56643
E2UPA	0.02044	0.21811	0.07258	0.64349	0.14949	0.00120	0.38000	0.41815	0.17445	0.33737	0.56643	1.00000
E2CGO	-0.04060	0.22749	-0.00359	0.15525	-0.46671	0.12040	-0.10146	0.61215	-0.42060	0.11508	-0.03615	0.18316
E2TUC	-0.15806	-0.09332	-0.09157	0.52444	0.35778	-0.17437	0.20706	0.63438	0.15844	0.79971	-0.31751	0.11422
E2CIP	-0.09242	0.03442	-0.12005	0.86235	0.25179	-0.14470	0.83804	0.09701	0.50762	0.81595	0.25616	0.36586
E2USE	0.03973	0.20560	-0.03096	0.81561	-0.05549	-0.17762	0.90167	-0.30564	0.71341	0.48630	0.63465	0.28952
E2DI	-0.05796	0.16683	-0.03825	0.96554	0.10518	-0.07855	0.71025	0.41567	0.43657	0.82144	0.44568	0.75561
T2AGE	0.00803	-0.03044	0.02156	-0.15397	-0.15597	0.71045	-0.30236	0.05075	-0.14973	-0.00527	0.04027	0.07317
T2TSB	-0.02829	0.09829	-0.00015	-0.07086	0.27979	0.08233	-0.05696	0.24653	-0.48877	-0.11167	-0.08638	0.10918
RPRESES	0.54625	0.06069	0.01474	0.00025	-0.11132	-0.00482	0.10773	-0.22560	0.11581	-0.07360	0.11980	-0.07779
ATOT72	0.99706	0.24372	0.83995	-0.07050	-0.13771	0.07254	0.00762	-0.14206	0.01735	-0.19884	0.14959	-0.02149
PCT72	-0.00000	-0.04153	0.04078	0.59167	0.44644	-0.03490	0.45583	0.12328	0.47854	0.56552	0.28892	0.54608
ATOT71	0.83988	0.24096	0.99694	-0.06530	-0.04271	0.06700	-0.06044	0.00871	-0.03890	-0.17004	0.09497	0.05532
PCT71	0.03959	0.01531	-0.00000	0.42969	-0.11602	0.24885	0.53358	-0.30338	0.37751	0.39876	0.40204	0.21779

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	ATOT72	PCT72	ATOT71	PCT71
RESR72	-0.04060	-0.15806	-0.09242	0.03973	-0.05796	0.00803	-0.02829	0.54625	0.99706	-0.00000	0.83988	0.03959
COMPSES	0.22749	-0.09332	0.03442	0.20560	0.16683	-0.03044	0.09829	0.06069	0.24372	-0.04153	0.24096	0.01531
RESR71	-0.00359	-0.09157	-0.12005	-0.03096	-0.03825	0.02156	-0.00015	0.01474	0.83995	0.04078	0.99694	-0.00000
E2LI	0.15525	0.52444	0.86235	0.81561	0.96554	-0.15397	-0.07086	0.00025	-0.07050	0.59167	-0.06530	0.42969
E2MMIN	-0.46671	0.35778	0.25179	-0.05549	0.10518	-0.15597	0.27979	-0.11132	-0.13771	0.44644	-0.04271	-0.11602
T2TQ	0.12040	-0.17437	-0.14470	-0.17762	-0.07855	0.71045	0.08233	-0.00482	0.07254	-0.03490	0.06700	0.24885
E2UO	-0.10146	0.20706	0.83804	0.90167	0.71025	-0.30236	-0.05696	0.10773	0.00762	0.45583	-0.06044	0.53358
E2IDM	0.61215	0.63438	0.09701	-0.30564	0.41567	0.05075	0.24653	-0.22560	-0.14206	0.12328	0.00871	-0.30338
E2TLDM	-0.42060	0.15844	0.50762	0.71341	0.43657	-0.14973	-0.48877	0.11581	0.01735	0.47854	-0.03890	0.37751
E2IIP	0.11508	0.79971	0.81595	0.48630	0.82144	-0.00527	-0.11167	-0.07360	-0.19884	0.56552	-0.17004	0.39876
E2SC	-0.03615	-0.31751	0.25616	0.63465	0.44568	0.04027	-0.08638	0.11980	0.14959	0.28892	0.09497	0.40204
E2UPA	0.18316	0.11422	0.36586	0.28952	0.75561	0.07317	0.10918	-0.07779	-0.02149	0.54608	0.05532	0.21779
E2CGO	1.00000	0.10563	-0.16482	-0.19127	0.14891	-0.06870	0.21940	-0.07290	-0.00141	-0.50961	0.02824	-0.40694
E2TUC	0.10563	1.00000	0.59369	0.23446	0.56650	-0.13980	0.02942	-0.15170	-0.19264	0.45712	-0.08995	-0.01709
E2CIP	-0.16482	0.59369	1.00000	0.82994	0.83790	-0.18291	-0.07103	0.01459	-0.14363	0.67138	-0.16391	0.56556
E2USE	-0.19127	0.23446	0.82994	1.00000	0.67879	-0.22294	-0.15282	0.12078	0.00205	0.48980	-0.07600	0.57704
E2DI	0.14891	0.56650	0.83790	0.67879	1.00000	-0.05470	-0.01774	-0.05047	-0.11002	0.68113	-0.07237	0.43778
T2AGE	-0.06870	-0.13980	-0.18291	-0.22294	-0.05470	1.00000	0.12079	-0.01841	-0.00602	0.18296	-0.00820	0.37967
T2TSB	0.21940	0.02942	-0.07103	-0.15282	-0.01774	0.12079	1.00000	-0.05385	-0.01745	-0.14029	0.01620	-0.20899
RPRESES	-0.07290	-0.15170	0.01459	0.12078	-0.05047	-0.01841	-0.05385	1.00000	0.54951	-0.06347	0.00891	0.07404
ATOT72	-0.00141	-0.19264	-0.14363	0.00205	-0.11002	-0.00602	-0.01745	0.54951	1.00000	-0.07668	0.83811	-0.00942
PCT72	-0.50961	0.45712	0.67138	0.48980	0.68113	0.18296	-0.14029	-0.06347	-0.07668	1.00000	-0.00923	0.63775
ATOT71	0.02824	-0.08995	-0.16391	-0.07600	-0.07237	-0.00820	0.01620	0.00891	0.83811	-0.00923	1.00000	-0.07821
PCT71	-0.40694	-0.01709	0.56556	0.57704	0.43778	0.37967	-0.20899	0.07404	-0.00942	0.63775	-0.07821	1.00000

TABLE B-6
Intercorrelations among Analysis Variables -- Cohort 9, Spring 1972, Arithmetic Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.26057	0.87282	0.00917	0.04268	0.14052	0.07908	-0.04188	-0.05290	0.06816	0.01022	0.07908
COMPSES	0.26057	1.00000	0.24559	0.38219	0.24966	0.12099	0.45174	0.32408	0.22486	0.39247	0.01147	0.45174
RESR71	0.87282	0.24559	1.00000	-0.01187	0.04523	0.10282	0.05597	-0.03972	-0.06414	0.05611	-0.00871	0.05597
E2LI	0.00917	0.38219	-0.01187	1.00000	0.15665	0.36624	0.81223	0.70479	0.87395	0.55270	0.36710	0.81223
E2NMIN	0.04268	0.24966	0.04523	0.15665	1.00000	-0.29758	0.64316	0.70033	-0.26704	0.89614	-0.83481	0.64316
T2TQ	0.14052	0.12099	0.10282	0.36624	-0.29758	1.00000	0.16761	-0.04186	0.41078	-0.05862	0.50298	0.16761
E2UO	0.07908	0.45174	0.05597	0.81223	0.64316	0.16761	1.00000	0.78509	0.43046	0.91617	-0.12301	1.00000
E2IDM	-0.04188	0.32408	-0.03972	0.70479	0.70033	-0.04186	0.78509	1.00000	0.46872	0.82154	-0.35554	0.78509
E2TLDM	-0.05290	0.22486	-0.06414	0.87395	-0.26704	0.41078	0.43046	0.46872	1.00000	0.10969	0.64803	0.43046
E2IIP	0.06816	0.39247	0.05611	0.55270	0.89614	-0.05862	0.91617	0.82154	0.10969	1.00000	-0.50824	0.91617
E2SC	0.01022	0.01147	-0.00871	0.36710	-0.83481	0.50298	-0.12301	-0.35554	0.64803	-0.50824	1.00000	-0.12301
E2UPA	0.07908	0.45174	0.05597	0.81223	0.64316	0.16761	1.00000	0.78509	0.43046	0.91617	-0.12301	1.00000
E2CGO	-0.06825	0.19820	-0.08082	0.87105	-0.25074	0.40027	0.43360	0.48135	0.97997	0.12004	0.60849	0.43360
E2TUC	-0.15053	-0.32869	-0.13934	-0.13773	-0.79577	0.12481	-0.64433	-0.38479	0.29390	-0.78992	0.52592	-0.64433
E2CIP	-0.03586	0.33784	-0.04629	0.96309	0.15639	0.29303	0.71780	0.78159	0.91006	0.49784	0.30514	0.71780
E2USE	0.02744	0.27560	-0.00022	0.86584	-0.31875	0.52616	0.51381	0.26048	0.89638	0.13093	0.77351	0.51381
E2DI	0.05260	0.44307	0.03356	0.85049	0.63892	0.15430	0.98950	0.85920	0.50376	0.90786	-0.12633	0.98950
T2AGE	0.15796	0.10646	0.13166	0.33135	-0.22198	0.86924	0.17242	-0.00298	0.35979	-0.01626	0.41404	0.17242
T2TSB	0.12065	-0.13956	0.10249	-0.58250	0.09133	-0.00310	-0.33586	-0.36038	-0.63350	-0.14684	-0.36383	-0.33586
RPRESES	0.50662	0.08736	0.02145	0.03460	0.00431	0.10507	0.05728	-0.02016	0.00170	0.03545	0.03617	0.05728
ATOT72	0.99859	0.25808	0.87073	0.02366	-0.00465	0.16559	0.06678	-0.06485	-0.02150	0.03626	0.06300	0.06678
PCT72	-0.00000	0.04001	0.01619	-0.27307	0.88992	-0.47572	0.22945	0.43344	-0.58983	0.59877	-0.99402	0.22945
ATOT71	0.87308	0.24764	0.99953	0.00254	0.02192	0.11893	0.05597	-0.04770	-0.04248	0.04391	0.02173	0.05597
PCT71	-0.02179	-0.07039	0.00000	-0.46964	0.75922	-0.52686	-0.00101	0.26087	-0.70529	0.39680	-0.99211	-0.00101

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	ATOT72	PCT72	ATOT71	PCT71
RESR72	-0.06825	-0.15053	-0.03586	0.02744	0.05260	0.15796	0.12065	0.50662	0.99859	-0.00000	0.87308	-0.02179
COMPSES	0.19820	-0.32869	0.33784	0.27560	0.44307	0.10646	-0.13956	0.08736	0.25808	0.04001	0.24764	-0.07039
RESR71	-0.08082	-0.13934	-0.04629	-0.00022	0.03356	0.13166	0.10249	0.02145	0.87073	0.01619	0.99953	0.00000
E2LI	0.87105	-0.13773	0.96309	0.86584	0.85049	0.33135	-0.58250	0.03460	0.02366	-0.27307	0.00254	-0.46964
E2NMIN	-0.25074	-0.79577	0.15639	-0.31875	0.63892	-0.22198	0.09133	0.00431	-0.00465	0.88992	0.02192	0.75922
T2TQ	0.40027	0.12481	0.29303	0.52616	0.15430	0.86924	-0.00310	0.10507	0.16559	-0.47572	0.11893	-0.52686
E2UO	0.43360	-0.64433	0.71780	0.51381	0.98950	0.17242	-0.33586	0.05728	0.06678	0.22945	0.05597	-0.00101
E2IDM	0.48135	-0.38479	0.78159	0.26048	0.85920	-0.00298	-0.36038	-0.02016	-0.06485	0.43344	-0.04770	0.26087
E2TLDM	0.97997	0.29390	0.91006	0.89638	0.50376	0.35979	-0.63350	0.00170	-0.02150	-0.58983	-0.04248	-0.70529
E2IIP	0.12004	-0.78992	0.49784	0.13093	0.90786	-0.01626	-0.14684	0.03545	0.03626	0.59877	0.04391	0.39680
E2SC	0.60849	0.52592	0.30514	0.77351	-0.12633	0.41404	-0.36383	0.03617	0.06300	-0.99402	0.02173	-0.99211
E2UPA	0.43360	-0.64433	0.71780	0.51381	0.98950	0.17242	-0.33586	0.05728	0.06678	0.22945	0.05597	-0.00101
E2CGO	1.00000	0.36219	0.89654	0.88028	0.50744	0.34100	-0.60456	0.00003	-0.03873	-0.55384	-0.06047	-0.66225
E2TUC	0.36219	1.00000	-0.04103	0.14238	-0.57733	0.06356	-0.08933	-0.05831	-0.11879	-0.59352	-0.12576	-0.44056
E2CIP	0.89654	-0.04103	1.00000	0.78163	0.79110	0.27329	-0.61001	0.00360	-0.02403	-0.22179	-0.03411	-0.39633
E2USE	0.88028	0.14238	0.78163	1.00000	0.52450	0.45170	-0.56084	0.05294	0.06480	-0.70405	0.02560	-0.84186
E2DI	0.50744	-0.57733	0.79110	0.52450	1.00000	0.16240	-0.38255	0.04264	0.04023	0.23136	0.03343	0.00389
T2AGE	0.34100	0.06356	0.27329	0.45170	0.16240	1.00000	-0.10631	0.09012	0.17830	-0.38704	0.14506	-0.43892
T2TSB	-0.60456	-0.08933	-0.61001	-0.56084	-0.38255	-0.10631	1.00000	0.06840	0.10350	0.31953	0.08989	0.40931
RPRESES	0.00003	-0.05831	0.00360	0.05294	0.04264	0.09012	0.06840	1.00000	0.50745	-0.02911	0.02279	-0.04374
ATOT72	-0.03873	-0.11879	-0.02403	0.06480	0.04023	0.17830	0.10350	0.50745	1.00000	-0.05311	0.87257	-0.07341
PCT72	-0.55384	-0.59352	-0.22179	-0.70405	0.23136	-0.38704	0.31953	-0.02911	-0.05311	1.00000	-0.01365	0.97250
ATOT71	-0.06047	-0.12576	-0.03411	0.02560	0.03343	0.14506	0.08989	0.02279	0.87257	-0.01365	1.00000	-0.03067
PCT71	-0.66225	-0.44056	-0.39633	-0.84186	0.00389	-0.43892	0.40931	-0.04374	-0.07341	0.97250	-0.03067	1.00000

TABLE B-

Intercorrelations among Analysis Variables -- Cohort 10, Spring 1972, Arithmetic Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	-0.05853	0.83270	-0.14026	-0.06072	0.05491	-0.11395	-0.18755	-0.13975	-0.10346	-0.01311	-0.11395
COMPSES	-0.05853	1.00000	-0.03039	0.19934	0.25437	0.00369	0.28457	0.29029	0.11033	0.31029	-0.08666	0.28457
RESR71	0.83270	-0.03039	1.00000	-0.13301	-0.09438	0.02160	-0.12704	-0.19500	-0.11980	-0.12883	0.01639	-0.12704
E2LI	-0.14026	0.19934	-0.13301	1.00000	0.04578	0.38047	0.84998	0.79615	0.93137	0.56598	0.57113	0.84998
E2NMIN	-0.06072	0.25437	-0.09438	0.04578	1.00000	-0.36084	0.52165	0.55025	-0.27580	0.83851	-0.77927	0.52165
T2TQ	0.05491	0.00369	0.02160	0.38047	-0.36084	1.00000	0.17522	0.05527	0.44588	-0.07045	0.54816	0.17522
E2UO	-0.11395	0.28457	-0.12704	0.84998	0.52165	0.17522	1.00000	0.85839	0.60069	0.90228	0.12816	1.00000
E2IDM	-0.18755	0.29029	-0.19500	0.79615	0.55025	0.05527	0.85839	1.00000	0.63362	0.82629	-0.00911	0.85839
E2TLDM	-0.13975	0.11033	-0.11980	0.93137	-0.27580	0.44588	0.60069	0.63362	1.00000	0.24427	0.76184	0.60069
E2IIP	-0.10346	0.31029	-0.12883	0.56598	0.83851	-0.07045	0.90228	0.82629	0.24427	1.00000	-0.31196	0.90228
E2SC	-0.01311	-0.08666	0.01639	0.57113	-0.77927	0.54816	0.12816	-0.00911	0.76184	-0.31196	1.00000	0.12816
E2UPA	-0.11395	0.28457	-0.12704	0.84998	0.52165	0.17522	1.00000	0.85839	0.60069	0.90228	0.12816	1.00000
E2CGO	-0.13975	0.11033	-0.11980	0.93137	-0.27580	0.44588	0.60069	0.63362	1.00000	0.24427	0.76184	0.60069
E2TUC	-0.00697	-0.22629	0.02900	-0.06151	-0.90286	0.24651	-0.57777	-0.37549	0.30547	-0.82527	0.62513	-0.57777
E2CIP	-0.16474	0.19611	-0.15476	0.98306	0.03318	0.34816	0.79149	0.83487	0.95154	0.52226	0.54281	0.79149
E2USE	-0.09107	0.09881	-0.07452	0.92934	-0.29985	0.50615	0.65308	0.51983	0.95066	0.26557	0.82828	0.65308
E2DI	-0.13479	0.28617	-0.14499	0.88712	0.49191	0.18213	0.99216	0.90855	0.66562	0.88224	0.15697	0.99216
T2AGE	0.02001	0.03347	-0.01888	0.17804	-0.06178	0.73451	0.14783	0.05965	0.16270	0.06319	0.18041	0.14783
T2TSD	0.07737	-0.12339	0.08088	-0.27727	-0.29119	-0.10743	-0.35406	-0.38896	-0.18307	-0.37328	0.07842	-0.35406
RPRESES	0.55500	-0.05156	0.00157	-0.05185	0.03427	0.06680	-0.01255	-0.04337	-0.07155	0.00930	-0.04906	-0.01255
ATOT72	0.99676	-0.06802	0.83252	-0.10144	-0.12855	0.09753	-0.11251	-0.19569	-0.08316	-0.13682	0.06678	-0.11251
PCT72	0.00000	0.12038	-0.03126	-0.47724	0.84619	-0.53234	-0.01321	0.10875	-0.69843	0.41919	-0.99336	-0.01321
ATOT71	0.83028	-0.03281	0.99873	-0.09936	-0.12926	0.04964	-0.11423	-0.18975	-0.07837	-0.13828	0.06636	-0.11423
PCT71	0.02715	0.04874	-0.00000	-0.66450	0.69489	-0.55708	-0.25103	-0.09922	-0.81923	0.19084	-0.99217	-0.25103

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSD	RPRESES	ATOT72	PCT72	ATOT71	PCT71
RESR72	-0.13975	-0.00697	-0.16474	-0.09107	-0.13479	0.02001	0.07737	0.55500	0.99676	0.00000	0.83028	0.02715
COMPSES	0.11033	-0.22629	0.19611	0.09881	0.28617	0.03347	-0.12339	-0.05156	-0.06802	0.12038	-0.03281	0.04874
RESR71	-0.11980	0.02900	-0.15476	-0.07452	-0.14499	-0.01888	0.08088	0.00157	0.83252	-0.03126	0.99873	-0.00000
E2LI	0.93137	-0.06151	0.98306	0.92934	0.88712	0.17804	-0.27727	-0.05185	-0.10144	-0.47724	-0.09936	-0.66450
E2NMIN	-0.27580	-0.90286	0.03318	-0.29985	0.49191	-0.06178	-0.29119	0.03427	-0.12855	0.84619	-0.12926	0.69489
T2TQ	0.44588	0.24651	0.34816	0.50615	0.18213	0.73451	-0.10743	0.06680	0.09753	-0.53234	0.04964	-0.55708
E2UO	0.60069	-0.57777	0.79149	0.65308	0.99216	0.14783	-0.35406	-0.01255	-0.11251	-0.01321	-0.11423	-0.25103
E2IDM	0.63362	-0.37549	0.83487	0.51983	0.90855	0.05965	-0.38896	-0.04337	-0.19569	0.10875	-0.18975	-0.09922
E2TLDM	1.00000	0.30547	0.95154	0.95066	0.66562	0.16270	-0.18307	-0.07155	-0.08316	-0.69843	-0.07837	-0.81923
E2IIP	0.24427	-0.82527	0.52226	0.26557	0.88224	0.06319	-0.37328	0.00930	-0.13682	0.41919	-0.13828	0.19084
E2SC	0.76184	0.62513	0.54281	0.82828	0.15697	0.18041	0.07842	-0.04906	0.06678	-0.99336	0.06636	-0.99217
E2UPA	0.60069	-0.57777	0.79149	0.65308	0.99216	0.14783	-0.35406	-0.01255	-0.11251	-0.01321	-0.11423	-0.25103
E2CGO	1.00000	0.30547	0.95154	0.95066	0.66562	0.16270	-0.18307	-0.07155	-0.08316	-0.69843	-0.07837	-0.81923
E2TUC	0.30547	1.00000	0.02875	0.19270	-0.50216	-0.00997	0.23480	-0.05810	0.04911	-0.69729	0.05604	-0.53737
E2CIP	0.95154	0.02875	1.00000	0.89254	0.84948	0.14940	-0.28351	-0.06343	-0.12760	-0.45547	-0.12285	-0.62949
E2USE	0.95066	0.19270	0.89254	1.00000	0.68255	0.20931	-0.15143	-0.05173	-0.02974	-0.75934	-0.02955	-0.89068
E2DI	0.66562	-0.50216	0.84948	0.68255	1.00000	0.13997	-0.36457	-0.02322	-0.13088	-0.04317	-0.13079	-0.27817
T2AGE	0.16270	-0.00997	0.14940	0.20931	0.13997	1.00000	-0.42295	0.06481	0.03319	-0.16474	-0.00904	-0.19470
T2TSD	-0.18307	0.23480	-0.28351	-0.15143	-0.36457	-0.42295	1.00000	0.01721	0.08678	-0.12014	0.08238	-0.03195
RPRESES	-0.07155	-0.05810	-0.06343	-0.05173	-0.02322	0.06481	0.01721	1.00000	0.54935	0.04801	-0.00093	0.04946
ATOT72	-0.08316	0.04911	-0.12760	-0.02974	-0.13088	0.03319	0.08678	0.54935	1.00000	-0.08038	0.83404	-0.05101
PCT72	-0.69843	-0.69729	-0.45547	-0.75934	-0.04317	-0.16474	-0.12014	0.04801	-0.08038	1.00000	-0.08015	0.97121
ATOT71	-0.07837	0.05604	-0.12285	-0.02955	-0.13079	-0.00904	0.08238	-0.00093	0.83404	-0.08015	1.00000	-0.05038
PCT71	-0.81923	-0.53737	-0.62949	-0.89068	-0.27817	-0.19470	-0.03195	0.04946	-0.05101	0.97121	-0.05038	1.00000

TABLE B-8

Intercorrelations among Analysis Variables -- Cohort 0, Spring 1973, Arithmetic Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.21509	0.40981	-0.13714	-0.01796	0.09910	0.02227	-0.10180	-0.19384	0.03481	-0.13796	-0.15104
COMPSES	0.21509	1.00000	0.28258	0.22527	0.02305	-0.01786	0.25167	0.11663	0.09707	0.05035	-0.06321	0.08668
RESR72	0.40981	0.28258	1.00000	0.08991	-0.18856	0.02558	0.20616	-0.02208	0.03762	-0.10125	-0.02387	-0.00726
E3LI	-0.13714	0.22527	0.08991	1.00000	-0.17576	-0.41860	0.67014	0.70779	0.41508	0.10643	0.75879	0.81883
E3NMIN	-0.01796	0.02305	-0.19856	-0.17576	1.00000	0.00411	-0.20105	0.05432	-0.35024	0.28593	-0.26238	0.22800
T3TQ	0.09910	-0.01786	0.02558	-0.41860	0.00411	1.00000	-0.25980	-0.41559	-0.06556	-0.17541	-0.46925	-0.38273
E3UO	0.02227	0.25167	0.20616	0.67014	-0.20105	-0.25980	1.00000	0.18217	-0.19352	0.22625	0.38261	0.38359
E3IDM	-0.10180	0.11663	-0.02208	0.70779	0.05432	-0.41559	0.18217	1.00000	0.29941	0.12296	0.74647	0.67786
E3TLDM	-0.19384	0.09707	0.03762	0.41508	-0.35024	-0.06556	-0.19352	0.29941	1.00000	-0.38042	0.25694	0.38117
E3IIP	0.03481	0.05035	-0.10125	0.10643	0.28593	-0.17541	0.22625	0.12296	-0.38042	1.00000	0.02206	-0.00720
E3SC	-0.13796	-0.06321	-0.02387	0.75879	-0.26238	-0.46925	0.38261	0.74647	0.25694	0.02206	1.00000	0.59139
E3UPA	-0.15104	0.08668	-0.00726	0.81883	0.22800	-0.38273	0.38359	0.67786	0.38117	-0.00720	0.59139	1.00000
E3CGO	0.07725	-0.15307	0.02611	0.02078	0.22199	-0.11811	0.29999	0.14833	-0.57438	0.40619	0.19849	0.05406
E3TUC	-0.07849	0.27328	0.18937	0.60424	-0.44250	-0.08481	0.46081	0.17777	0.50263	-0.54661	0.30985	0.39628
E3CIP	-0.10173	0.21629	-0.03184	0.64545	-0.15835	-0.29513	0.43036	0.31513	0.31820	0.43610	0.39470	0.41940
E3USE	-0.07686	0.37085	0.20808	0.64315	-0.36061	-0.03211	0.52438	0.20701	0.47125	-0.28383	0.22037	0.35303
E3DI	-0.13454	0.23132	0.03648	0.93838	0.09141	-0.40273	0.51942	0.80019	0.37416	0.19995	0.64990	0.89575
T3AGE	0.10896	-0.06106	-0.05464	-0.44483	0.23993	0.61188	-0.35952	-0.37003	-0.14781	-0.14720	-0.47235	-0.25985
T3TSB	0.04642	0.12000	0.00212	0.15423	0.38766	-0.40662	0.11322	0.26250	-0.20907	0.02606	0.14999	0.26925
RPRESES	0.91138	0.02502	0.00707	-0.21007	0.05691	0.10029	-0.08535	-0.11402	-0.23869	0.07603	-0.13625	-0.17172
ATOT73	0.99573	0.25725	0.42531	-0.12542	-0.03139	0.11664	0.03230	-0.09761	-0.15880	0.01595	-0.16245	-0.16186
PCT73	-0.00000	0.46643	0.18684	0.12052	-0.14622	0.19443	0.10966	0.04062	0.37043	-0.20264	-0.27149	-0.12405
ATOT72	0.43006	0.26754	0.99125	-0.00322	-0.15211	0.08051	0.18575	-0.10267	-0.05747	-0.06603	-0.10491	-0.09396
PCT72	0.19061	-0.09523	-0.00000	-0.69969	0.26371	0.41794	-0.14096	-0.61209	-0.71801	0.26019	-0.61564	-0.65738

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	ATOT73	PCT73	ATOT72	PCT72
RESR73	0.07725	-0.07849	-0.10173	-0.07686	-0.13454	0.10896	0.04642	0.91138	0.99573	-0.00000	0.43006	0.18061
COMPSES	-0.15307	0.27328	0.21629	0.37085	0.23132	-0.06106	0.12000	0.02502	0.25725	0.46643	0.26754	-0.09523
RESR72	0.02611	0.18937	-0.03184	0.20808	0.03648	-0.05464	0.00212	0.00707	0.42531	0.18684	0.99125	-0.00000
E3LI	0.02078	0.60424	0.64545	0.64315	0.93838	-0.44483	0.15423	-0.21007	-0.12542	0.12052	-0.00322	-0.69969
E3NMIN	0.22199	-0.44250	-0.15835	-0.36061	0.09141	0.23993	0.38766	0.05691	-0.03139	-0.14622	-0.15211	0.26371
T3TQ	-0.11811	-0.08481	-0.29513	-0.03211	-0.40273	0.61188	-0.40662	0.10029	0.11664	0.19443	0.08051	0.41794
E3UO	0.29999	0.46081	0.43036	0.52438	0.51942	-0.35952	0.11322	-0.08535	0.03230	0.10966	0.18575	-0.14096
E3IDM	0.14833	0.17777	0.31513	0.20701	0.80019	-0.37003	0.26250	-0.11402	-0.09761	0.04062	-0.10267	-0.61209
E3TLDM	-0.57438	0.50263	0.31820	0.47125	0.37416	-0.14781	-0.20907	-0.23869	-0.15880	0.37043	-0.05747	-0.71801
E3IIP	0.40619	-0.54661	0.43610	-0.28383	0.19995	-0.14720	0.02606	0.07603	0.01595	-0.20264	-0.06603	0.26019
E3SC	0.19849	0.30985	0.39470	0.22037	0.64990	-0.47235	0.14999	-0.13625	-0.16245	-0.27149	-0.10491	-0.61564
E3UPA	0.05406	0.39628	0.41940	0.35303	0.89575	-0.25985	0.26925	-0.17172	-0.16186	-0.12405	-0.09396	-0.65738
E3CGO	1.00000	-0.48708	-0.37986	-0.31016	0.07424	-0.08846	0.22047	0.08868	0.03233	-0.48279	0.08438	0.44327
E3TUC	-0.48708	1.00000	0.31966	0.86026	0.43916	-0.16977	-0.00394	-0.19150	-0.03450	0.47264	0.10946	-0.59295
E3CIP	-0.37986	0.31966	1.00000	0.32672	0.56654	-0.34348	-0.08033	-0.11922	-0.08767	0.14747	-0.10602	-0.56415
E3USE	-0.31016	0.86026	0.32672	1.00000	0.54441	-0.13878	0.04067	-0.20671	-0.02229	0.58721	0.15314	-0.40249
E3DI	0.07424	0.43916	0.56654	0.54441	1.00000	-0.35052	0.25440	-0.18542	-0.12474	0.09984	-0.04754	-0.63421
T3AGE	-0.08846	-0.16977	-0.34348	-0.13878	-0.35052	1.00000	-0.21432	0.14879	0.10561	-0.03122	-0.00730	0.35509
T3TSB	0.22047	-0.00394	-0.08033	0.04067	0.25440	-0.21432	1.00000	0.03904	0.04038	-0.06332	0.00244	0.00260
RPRESES	0.08868	-0.19150	-0.11922	-0.20671	-0.18542	0.14879	0.03904	1.00000	0.89621	-0.12202	0.03448	0.20818
ATOT73	0.03233	-0.03450	-0.08767	-0.02229	-0.12474	0.10561	0.04038	0.89621	1.00000	0.09236	0.44323	0.16395
PCT73	-0.48279	0.47264	0.14747	0.58721	0.09984	-0.03122	-0.06332	-0.12202	0.09236	1.00000	0.16250	-0.17200
ATOT72	0.08438	0.10946	-0.10602	0.15314	-0.04754	-0.00730	0.00244	0.03448	0.44323	0.16250	1.00000	0.13197
PCT72	0.44327	-0.59295	-0.56415	-0.40249	-0.63421	0.35509	0.00260	0.20818	0.16395	-0.17200	0.13197	1.00000

TABLE B-5

Intercorrelations among Analysis Variables -- Cohort 8, Spring 1972, Arithmetic Total Score Analysis

	RESR72	COMPSES	RESR71	E2LI	E2NMIN	T2TQ	E2UO	E2IDM	E2TLDM	E2IIP	E2SC	E2UPA
RESR72	1.00000	0.20761	0.81857	-0.06394	0.04338	0.28474	-0.02204	0.06608	0.00317	-0.14287	0.11797	0.05582
COMPSES	0.20761	1.00000	0.19471	0.26183	0.15403	0.10534	0.35815	0.37339	0.11249	0.14429	0.26964	0.29816
RESR71	0.81857	0.19471	1.00000	-0.06069	-0.00901	0.24784	0.02443	0.04546	-0.00520	-0.12970	0.08683	0.04916
E2LI	-0.06394	0.26183	-0.06069	1.00000	0.63642	-0.13663	0.80335	0.84370	0.59970	0.70244	0.74503	0.87636
E2NMIN	0.04338	0.15403	-0.00901	0.63642	1.00000	-0.14344	0.30836	0.74568	0.22324	0.37366	0.73506	0.70561
T2TQ	0.28474	0.10534	0.24784	-0.13663	-0.14344	1.00000	-0.13533	0.01081	0.06867	-0.16523	0.02624	0.01199
E2UO	-0.02204	0.35815	0.02443	0.80335	0.30836	-0.13533	1.00000	0.61815	0.53866	0.40442	0.58373	0.64527
E2IDM	0.06608	0.37339	0.04546	0.84370	0.74568	0.01081	0.61815	1.00000	0.27555	0.70555	0.69251	0.88215
E2TLDM	0.00317	0.11249	-0.00520	0.59970	0.22324	0.06867	0.53866	0.27555	1.00000	-0.03544	0.71579	0.58022
E2IIP	-0.14287	0.14429	-0.12970	0.70244	0.37366	-0.16523	0.40442	0.70555	-0.03544	1.00000	0.17879	0.53382
E2SC	0.11797	0.26964	0.08683	0.74503	0.73506	0.02624	0.58373	0.69251	0.71579	0.17879	1.00000	0.79942
E2UPA	0.05582	0.29816	0.04916	0.87636	0.70561	0.01199	0.64527	0.88215	0.58022	0.53382	0.79942	1.00000
E2CGO	0.00461	0.07958	-0.06138	0.19271	0.23802	0.18022	-0.05951	0.42418	-0.07903	0.36420	-0.07000	0.24714
E2TUC	-0.15899	-0.16021	-0.07100	-0.05513	-0.41465	-0.29537	0.31648	-0.46092	0.11504	-0.19309	-0.25272	-0.25702
E2CIP	-0.12762	0.12939	-0.13219	0.94512	0.71084	-0.25862	0.66872	0.72934	0.51761	0.69518	0.68873	0.76133
E2USE	-0.10437	0.22200	-0.10409	0.95676	0.60584	-0.18289	0.71296	0.76034	0.57326	0.71218	0.73217	0.76036
E2DI	-0.07611	0.25423	-0.07461	0.94115	0.62692	-0.13055	0.64877	0.89234	0.35824	0.88153	0.60622	0.83318
T2AGE	0.10297	0.02478	0.05490	-0.10814	0.01620	0.61960	-0.23697	0.01203	0.09660	-0.14447	0.07018	0.06160
T2TSB	-0.13293	0.08167	-0.06903	-0.05786	-0.05991	-0.39815	0.26391	-0.14887	-0.08587	-0.18066	-0.08466	-0.15378
RPRESES	0.58591	0.07289	0.01419	-0.02968	0.08606	0.14535	-0.07803	0.04568	0.01122	-0.06826	0.07931	0.02368
ATOT72	0.99820	0.20237	0.81848	-0.04598	0.06278	0.26937	-0.00265	0.06719	0.02357	-0.14637	0.14864	0.06680
PCT72	0.00000	-0.08106	0.02313	0.29759	0.32461	-0.24750	0.32260	0.02046	0.34018	-0.06259	0.51481	0.18468
ATOT71	0.82023	0.19530	0.99965	-0.06102	-0.00835	0.25734	0.01631	0.05135	-0.00401	-0.12633	0.08479	0.05342
PCT71	-0.07388	-0.02517	0.00000	0.01355	-0.02474	-0.36378	0.30802	-0.22403	-0.04524	-0.12619	0.07626	-0.16217

	E2CGO	E2TUC	E2CIP	E2USE	E2DI	T2AGE	T2TSB	RPRESES	ATOT72	PCT72	ATOT71	PCT71
RESR72	0.00461	-0.15899	-0.12762	-0.10437	-0.07611	0.10297	-0.13293	0.58591	0.99820	0.00000	0.82023	-0.07388
COMPSES	0.07958	-0.16021	0.12939	0.22200	0.25423	0.02478	0.08167	0.07289	0.20237	-0.08106	0.19530	-0.02517
RESR71	-0.06138	-0.07100	-0.13219	-0.10409	-0.07461	0.05490	-0.06903	0.01419	0.81848	0.02313	0.99965	0.00000
E2LI	0.19271	-0.05513	0.94512	0.95676	0.94115	-0.10814	-0.05786	-0.02968	-0.04598	0.29759	-0.06102	0.01355
E2NMIN	0.23802	-0.41465	0.71084	0.60584	0.62692	0.01620	-0.05991	0.08606	0.06278	0.32461	-0.00835	-0.02474
T2TQ	0.18022	-0.29537	-0.25862	-0.18289	-0.13055	0.61960	-0.39815	0.14535	0.26937	-0.24750	0.25734	-0.36378
E2UO	-0.05951	0.31648	0.66872	0.71296	0.64877	-0.23697	0.26391	-0.07803	-0.00265	0.32260	0.01631	0.30802
E2IDM	0.42418	-0.46092	0.72934	0.76034	0.89234	0.01203	-0.14887	0.04568	0.06719	0.02046	0.05135	-0.22403
E2TLDM	-0.07903	0.11504	0.51761	0.57326	0.35824	0.09660	-0.08587	0.01122	0.02357	0.34018	-0.00401	-0.04524
E2IIP	0.36420	-0.19309	0.69518	0.71218	0.88153	-0.14447	-0.18066	-0.06826	-0.14637	-0.06259	-0.12633	-0.12619
E2SC	-0.07000	-0.25272	0.68873	0.73217	0.60622	0.07018	-0.08466	0.07931	0.14864	0.51481	0.08479	0.07626
E2UPA	0.24714	-0.25702	0.76133	0.76036	0.83318	0.06160	-0.15378	0.02368	0.06680	0.18468	0.05342	-0.16217
E2CGO	1.00000	-0.59250	0.11694	0.07273	0.28652	0.17493	-0.31941	0.09339	-0.04031	-0.74872	-0.03846	-0.86900
E2TUC	-0.59250	1.00000	0.00955	-0.07797	-0.22408	-0.36652	0.44041	-0.17468	-0.13161	0.45154	-0.08960	0.70722
E2CIP	0.11694	0.00955	1.00000	0.95175	0.89594	-0.16173	-0.03593	-0.03795	-0.10126	0.43553	-0.13556	0.12963
E2USE	0.07273	-0.07797	0.95175	1.00000	0.92403	-0.10928	-0.06013	-0.03838	-0.08151	0.37796	-0.10668	0.09962
E2DI	0.28652	-0.22408	0.89594	0.92403	1.00000	-0.08393	-0.15027	-0.03115	-0.06668	0.15483	-0.07244	-0.08127
T2AGE	0.17493	-0.36652	-0.16173	-0.10928	-0.08393	1.00000	-0.24309	0.10170	0.08829	-0.24169	0.06439	-0.36061
T2TSB	-0.31941	0.44041	-0.03593	-0.06013	-0.15027	-0.24309	1.00000	-0.13554	-0.12309	0.16016	-0.08217	0.49932
RPRESES	0.09339	-0.17468	-0.03795	-0.03838	-0.03115	0.10170	-0.13554	1.00000	0.58297	-0.03142	0.01757	-0.12838
ATOT72	-0.04031	-0.13161	-0.10126	-0.08151	-0.06668	0.08829	-0.12309	0.58297	1.00000	0.05999	0.81890	-0.02679
PCT72	-0.74872	0.45154	0.43553	0.37796	0.15483	-0.24169	0.16016	-0.03142	0.05999	1.00000	0.00249	0.78277
ATOT71	-0.03846	-0.08960	-0.13556	-0.10668	-0.07244	0.06439	-0.08217	0.01757	0.81890	0.00249	1.00000	-0.02635
PCT71	-0.86900	0.70722	0.12963	0.09962	-0.08127	-0.36061	0.49932	-0.12838	-0.02679	0.78277	-0.02635	1.00000

TABLE B-9

Intercorrelations among Analysis Variables -- Cohort 2, Spring 1973, Arithmetic Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.26455	0.77426	0.01571	0.13941	0.11589	0.08938	-0.02759	-0.11690	-0.04079	-0.05454	0.05631
COMPSES	0.26455	1.00000	0.24878	0.18367	0.07336	-0.07378	0.37394	0.00901	-0.07070	0.15148	-0.07211	-0.04672
RESR72	0.77426	0.24878	1.00000	0.09488	0.06226	0.00822	0.14238	0.02709	-0.03709	0.01562	-0.05048	0.12861
E3LI	0.01571	0.18367	0.09488	1.00000	-0.04175	-0.16440	0.71366	0.77427	0.30177	0.19246	0.69516	0.81731
E3NMIN	0.13941	0.07336	0.06226	-0.04175	1.00000	0.25051	-0.04359	0.03179	-0.28023	0.23610	-0.05676	0.11529
T3TQ	0.11589	-0.07378	0.00822	-0.16440	0.25051	1.00000	-0.19575	-0.05100	-0.03668	-0.14457	0.01375	-0.06066
E3UO	0.08938	0.37394	0.14238	0.71366	-0.04359	-0.19575	1.00000	0.39684	-0.26284	0.31940	0.35427	0.39417
E3IDM	-0.02759	0.00901	0.02709	0.77427	0.03179	-0.05100	0.39684	1.00000	0.15414	0.16037	0.75533	0.73798
E3TLDM	-0.11690	-0.07070	-0.03709	0.30177	-0.28023	-0.03668	-0.26284	0.15414	1.00000	-0.40896	0.15544	0.30808
E3IIP	-0.04079	0.15148	0.01562	0.19246	0.23610	-0.14457	0.31940	0.16037	-0.40896	1.00000	0.03878	0.03951
E3SC	-0.05454	-0.07211	-0.05048	0.69516	-0.05676	0.01375	0.35427	0.75533	0.15544	0.03878	1.00000	0.56462
E3UPA	0.05631	-0.04672	0.12861	0.81731	0.11529	-0.06066	0.39417	0.73798	0.30808	0.03951	0.56462	1.00000
E3CGO	0.02513	-0.09020	0.04383	0.11363	0.07383	0.02313	0.39017	0.22985	-0.66559	0.31112	0.41388	0.09416
E3TUC	0.04505	0.27362	0.07849	0.55206	-0.25183	-0.06352	0.43085	0.29134	0.44837	-0.40033	0.16635	0.31203
E3CIP	-0.06511	0.18622	0.00642	0.60481	0.08439	-0.26430	0.32350	0.29746	0.39387	0.50289	0.17008	0.46312
E3USE	0.11755	0.24821	0.10670	0.49918	-0.12720	-0.12089	0.39661	0.10716	0.42337	-0.30175	0.11935	0.30339
E3DI	0.05077	0.10931	0.12187	0.92916	0.10343	-0.13622	0.57936	0.80998	0.23944	0.27745	0.60358	0.90486
T3AGE	0.13726	-0.08478	0.05182	-0.38506	0.24485	0.69300	-0.29670	-0.19515	-0.27941	-0.12647	0.00695	-0.24395
T3TSB	0.03253	0.00089	0.01275	-0.12411	0.38167	-0.24024	-0.11627	-0.12575	-0.27989	0.27852	-0.23068	0.09490
EPRESES	0.65071	0.09465	0.02355	-0.09353	0.14438	0.17572	-0.03876	-0.07635	-0.13889	-0.08736	-0.02408	-0.06340
ATOT73	0.99954	0.27788	0.77308	0.01886	0.13555	0.11456	0.10042	-0.03059	-0.11290	-0.04446	-0.06243	0.04846
PCT73	-0.00000	0.44170	-0.02694	0.10354	-0.12482	-0.04211	0.36390	-0.09900	0.12962	-0.12101	-0.25978	-0.25703
ATOT72	0.77573	0.26245	0.98694	-0.00153	0.05925	0.00354	0.14366	-0.06026	-0.16804	0.04374	-0.11746	0.01986
PCT72	0.07187	0.10505	-0.00000	-0.59095	-0.01368	-0.02834	0.01951	-0.54016	-0.81601	0.17588	-0.41999	-0.66480

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	EPRESES	ATOT73	PCT73	ATOT72	PCT72
RESR73	0.02513	0.04505	-0.06511	0.11755	0.05077	0.13726	0.03253	0.65071	0.99954	-0.00000	0.77573	0.07187
COMPSES	-0.09020	0.27362	0.18822	0.24821	0.10931	-0.08478	0.00089	0.09465	0.27788	0.44170	0.26245	0.10505
RESR72	0.04383	0.07849	0.00642	0.10670	0.12187	0.05182	0.01275	0.02355	0.77308	-0.02694	0.98694	-0.00000
E3LI	0.11363	0.55206	0.60481	0.49918	0.92916	-0.38506	-0.12411	-0.09353	0.01886	0.10354	-0.00153	-0.59095
E3NMIN	0.07383	-0.25183	0.08439	-0.12720	0.10343	0.24485	0.38167	0.14438	0.13555	-0.12482	0.05925	-0.01368
T3TQ	0.02313	-0.06352	-0.26430	-0.12089	-0.13622	0.69300	-0.24024	0.17572	0.11456	-0.04211	0.00354	-0.02834
E3UO	0.39017	0.43085	0.32350	0.39661	0.57936	-0.29670	-0.11627	-0.03876	0.10042	0.36390	0.14366	0.01951
E3IDM	0.22985	0.29134	0.29746	0.10716	0.80998	-0.19515	-0.12575	-0.07635	-0.03059	-0.09900	-0.06026	-0.54016
E3TLDM	-0.66559	0.44837	0.39387	0.42337	0.23944	-0.27941	-0.27989	-0.13889	-0.11290	0.12962	-0.16804	-0.81601
E3IIP	0.31112	-0.40023	0.50289	-0.30175	0.27745	-0.12647	0.27852	-0.08736	-0.04446	-0.12101	0.04374	0.17588
E3SC	0.41388	0.16635	0.17008	0.11935	0.60358	0.00695	-0.23068	-0.02408	-0.06243	-0.25978	-0.11746	-0.41999
E3UPA	0.09416	0.31203	0.46312	0.30339	0.90486	-0.24395	0.09490	-0.06340	0.04846	-0.25703	0.01986	-0.66480
E3CGO	1.00000	-0.26799	-0.37253	-0.46837	0.05881	0.24696	0.10455	-0.01020	0.01129	-0.45432	0.10888	0.40742
E3TUC	-0.26799	1.00000	0.14958	0.59966	0.34792	-0.34941	-0.22092	-0.02986	0.06245	0.57217	0.01673	-0.37714
E3CIP	-0.37253	0.14958	1.00000	0.34944	0.62739	-0.51002	0.07005	-0.11585	-0.05938	0.18705	-0.07786	-0.52277
E3USE	-0.46637	0.59966	0.34944	1.00000	0.45441	-0.27339	-0.26177	0.05191	0.13017	0.41612	0.04881	-0.35081
E3DI	0.05881	0.34792	0.62739	0.45441	1.00000	-0.33044	0.00965	-0.06829	0.04867	-0.06809	0.02269	-0.60588
T3AGE	0.24696	-0.34941	-0.51002	-0.27339	-0.33044	1.00000	-0.12919	0.15770	0.12806	-0.30012	0.09357	0.26344
T3TSB	0.10455	-0.22092	0.07005	-0.26177	0.00965	-0.12919	1.00000	0.03625	0.02346	-0.29723	0.05497	0.26317
EPRESES	-0.01020	-0.02986	-0.11585	0.05191	-0.06829	0.15770	0.03625	1.00000	0.65103	0.02039	0.04112	0.11102
ATOT73	0.01129	0.06245	-0.05938	0.13017	0.04867	0.12806	0.02346	0.65103	1.00000	0.03045	0.77449	0.07141
PCT73	-0.45432	0.57217	0.18705	0.41612	-0.06809	-0.30012	-0.29723	0.02039	0.03045	1.00000	-0.02882	-0.01388
ATOT72	0.10888	0.01673	-0.07786	0.04881	0.02269	0.09357	0.05497	0.04112	0.77449	-0.02882	1.00000	0.16106
PCT72	0.40742	-0.37714	-0.52277	-0.35081	-0.60588	0.26344	0.26317	0.11102	0.07141	-0.01388	0.16106	1.00000

TABLE B-10

Intercorrelations among Analysis Variables -- Cohort 3, Spring 1973, Arithmetic Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3MMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.38818	0.79568	-0.03281	0.04415	0.05458	-0.02888	0.01920	-0.00606	-0.06830	-0.04012	0.03467
COMPSES	0.38818	1.00000	0.35583	-0.00054	0.01712	0.00209	0.05927	0.03436	-0.03045	-0.05930	-0.11522	0.03967
RESR72	0.79568	0.35583	1.00000	-0.08444	0.03064	0.04849	-0.01967	-0.03496	-0.00662	-0.11256	-0.10693	-0.00932
E3LI	-0.03281	-0.00054	-0.08444	1.00000	0.08367	-0.19596	0.81715	0.49200	0.32351	0.71751	0.51951	0.69275
E3MMIN	0.04415	0.01712	0.03064	0.08367	1.00000	0.19108	0.15459	-0.08125	0.30224	0.05385	0.01861	-0.01314
T3TQ	0.05458	0.00209	0.04849	-0.19596	0.19108	1.00000	-0.15116	-0.04649	0.02741	-0.26988	-0.06099	-0.18136
E3UO	-0.02888	0.05927	-0.01967	0.81715	0.15459	-0.15116	1.00000	0.22199	0.24572	0.60758	0.41693	0.44279
E3IDM	0.01920	0.03436	-0.03496	0.49200	-0.08125	-0.04649	0.22199	1.00000	-0.09301	0.06581	0.45137	0.42491
E3TLDM	-0.00606	-0.03045	-0.00662	0.32351	0.30224	0.02741	0.24572	-0.09301	1.00000	0.06201	0.12977	-0.05425
E3IIP	-0.06830	-0.05930	-0.11256	0.71751	0.05385	-0.26988	0.60758	0.06581	0.06201	1.00000	0.13485	0.56526
E3SC	-0.04012	-0.11522	-0.10693	0.51951	0.01861	-0.06099	0.41693	0.45137	0.12977	0.13485	1.00000	0.18493
E3UPA	0.03467	0.03967	-0.00932	0.69275	-0.01314	-0.18136	0.44279	0.42491	-0.05425	0.56526	0.18493	1.00000
E3CGO	-0.07037	-0.11144	-0.13736	0.63303	0.26821	0.02164	0.44108	0.30538	0.06021	0.64107	0.26658	0.47468
E3TUC	0.03021	0.11973	-0.04904	0.45030	-0.26322	-0.14625	0.22834	0.51352	-0.10479	0.05977	0.29791	0.25896
E3CIP	-0.15096	-0.17334	-0.13213	0.71191	0.04026	-0.22352	0.59758	0.14221	0.28163	0.73760	0.23028	0.37014
E3USE	0.09002	0.23048	0.12174	0.43980	0.01573	-0.03216	0.48555	0.07102	0.45739	0.10599	0.04519	0.18831
E3DI	0.01930	0.06978	-0.02454	0.88783	0.00174	-0.22368	0.66766	0.49173	0.10984	0.74700	0.26630	0.88953
T3AGE	0.01931	-0.06378	-0.02232	-0.12348	0.15283	0.56279	-0.04328	-0.20025	-0.11425	0.00604	-0.09120	-0.10830
T3TSB	0.08012	0.21494	0.04415	0.16761	0.03785	-0.12134	0.12555	-0.03472	0.22140	0.13900	0.00543	0.12333
RPRESES	0.64611	0.14806	0.05268	0.05114	0.03414	0.02991	-0.02644	0.07386	-0.00020	0.03040	0.07307	0.06720
ATOT73	0.99991	0.39045	0.79612	-0.03195	0.04643	0.05571	-0.02708	0.01781	-0.00443	-0.06840	-0.04283	0.03409
PCT73	0.00000	0.17561	0.03894	0.06576	0.17461	0.08650	0.13706	-0.10598	0.12376	-0.00781	-0.20696	-0.04390
ATOT72	0.79630	0.35623	0.99998	-0.08315	0.02897	0.04823	-0.01973	-0.03225	-0.00691	-0.11255	-0.10480	-0.00783
PCT72	-0.09429	-0.06121	-0.00000	-0.19232	0.24878	0.03957	0.00815	-0.40335	0.04241	-0.00026	-0.31704	-0.22128

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	ATOT73	PCT73	ATOT72	PCT72
RESR73	-0.07037	0.03021	-0.15096	0.09002	0.01930	0.01931	0.08012	0.64611	0.99991	0.00000	0.79630	-0.09429
COMPSES	-0.11144	0.11973	-0.17334	0.23048	0.06978	-0.06378	0.21494	0.14806	0.39045	0.17561	0.35623	-0.06121
RESR72	-0.13736	-0.04904	-0.13213	0.12174	-0.02454	-0.02232	0.04415	0.05268	0.79612	0.03894	0.99998	-0.00000
E3LI	0.63303	0.45030	0.71191	0.43980	0.88783	-0.12348	0.16761	0.05114	-0.03195	0.06576	-0.08315	-0.19232
E3MMIN	0.26821	-0.26322	0.04026	0.01573	0.00174	0.15283	0.03785	0.03414	0.04643	0.17461	0.02897	0.24878
T3TQ	0.02164	-0.14625	-0.22352	-0.03216	-0.22368	0.56279	-0.12134	0.02991	0.05571	0.08650	0.04823	0.03957
E3UO	0.44108	0.22834	0.59758	0.48555	0.66766	-0.04328	0.12555	-0.02644	-0.02708	0.13706	-0.01973	0.00815
E3IDM	0.30538	0.51352	0.14221	0.07102	0.49173	-0.20025	-0.03472	0.07386	0.01781	-0.10598	-0.03225	-0.40335
E3TLDM	0.06021	-0.10479	0.28163	0.45739	0.10984	-0.11425	0.22140	-0.00020	-0.00443	0.12376	-0.00691	0.04241
E3IIP	0.64107	0.05977	0.73760	0.10599	0.74700	0.00604	0.13900	0.03040	-0.06840	-0.00781	-0.11255	-0.00026
E3SC	0.26658	0.29791	0.23028	0.04519	0.26630	-0.09120	0.00543	0.07307	-0.04283	-0.20696	-0.10480	-0.31704
E3UPA	0.47468	0.25896	0.37014	0.18831	0.88953	-0.10830	0.12333	0.06720	0.03409	-0.04390	-0.00783	-0.22128
E3CGO	1.00000	0.10149	0.36039	-0.00478	0.57481	0.12797	0.00576	0.06068	-0.06940	0.07358	-0.13831	0.14153
E3TUC	0.10149	1.00000	0.15971	0.12161	0.30845	-0.14656	0.07743	0.10535	0.03224	0.15494	-0.04694	-0.31335
E3CIP	0.36039	0.15971	1.00000	0.20953	0.58727	-0.10368	0.04527	-0.07656	-0.15011	0.06351	-0.13180	-0.04771
E3USE	-0.00478	0.12161	0.20953	1.00000	0.44473	-0.09245	0.22861	-0.01467	0.09202	0.15380	0.12241	-0.09922
E3DI	0.57481	0.30845	0.58727	0.44473	1.00000	-0.12472	0.17807	0.05915	0.01923	-0.00515	-0.02297	-0.23276
T3AGE	0.12797	-0.14656	-0.10368	-0.09245	-0.12472	1.00000	-0.31483	0.06331	0.02091	0.12199	-0.02351	0.17654
T3TSB	0.00576	0.07743	0.04527	0.22861	0.17807	-0.31483	1.00000	0.06677	0.08059	0.03621	0.04469	-0.08141
RPRESES	0.06068	0.10535	-0.07656	-0.01467	0.05915	0.06331	0.06677	1.00000	0.64529	-0.05782	0.05371	-0.15351
ATOT73	-0.06940	0.03224	-0.15011	0.09202	0.01923	0.02091	0.08059	0.64529	1.00000	0.01311	0.79667	-0.08483
PCT73	0.07358	0.15494	0.06351	0.15380	-0.00515	0.12199	0.03621	-0.05782	0.01311	1.00000	0.03411	0.72136
ATOT72	-0.13831	-0.04694	-0.13180	0.12241	-0.02297	-0.02351	0.04469	0.05371	0.79667	0.03411	1.00000	-0.00670
PCT72	0.14153	-0.31335	-0.04771	-0.09922	-0.23276	0.17654	-0.08141	-0.15351	-0.08483	0.72136	-0.00670	1.00000

TABLE B-11

Intercorrelations among Analysis Variables -- Cohort 5, Spring 1973, Arithmetic Total Score Analysis

	RESP73	COMPSES	RESP72	E3LI	E3MMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESP73	1.00000	0.26603	0.82531	-0.11493	-0.16250	0.11673	-0.09431	-0.08140	-0.03677	-0.17456	0.09794	-0.05456
COMPSES	0.26603	1.00000	0.24440	-0.00314	-0.38036	0.06996	0.08561	0.08848	-0.04884	-0.17759	0.35865	0.12424
RESP72	0.82531	0.24440	1.00000	-0.07781	-0.09259	0.07205	-0.06647	-0.07278	-0.05118	-0.15020	0.07413	-0.01957
E3LI	-0.11493	-0.00314	-0.07781	1.00000	-0.12296	-0.13816	0.85251	0.49823	0.65829	0.91664	0.40228	0.72924
E3MMIN	-0.16250	-0.38036	-0.09259	-0.12296	1.00000	-0.10545	-0.15275	-0.02862	-0.11514	0.05435	-0.58857	-0.21917
T3TQ	0.11673	0.06996	0.07205	-0.13816	-0.10545	1.00000	-0.01539	-0.25146	0.09750	-0.07582	0.03493	-0.34707
E3UO	-0.09431	0.08561	-0.06647	0.85251	-0.15275	-0.01539	1.00000	0.28801	0.58377	0.80597	0.35740	0.48968
E3IDM	-0.08140	0.08848	-0.07278	0.49823	-0.02862	-0.25146	0.28801	1.00000	0.07706	0.41205	0.25595	0.47475
E3TLDM	-0.03677	-0.04884	-0.05118	0.65829	-0.11514	0.09750	0.58377	0.07706	1.00000	0.63188	0.05123	0.32883
E3IIP	-0.17456	-0.17759	-0.15020	0.91664	0.05435	-0.07582	0.80597	0.41205	0.63188	1.00000	0.20128	0.54934
E3SC	0.09794	0.35865	0.07413	0.40228	-0.58857	0.03493	0.35740	0.25595	0.05123	0.20128	1.00000	0.35843
E3UPA	-0.05456	0.12424	-0.01957	0.72924	-0.21917	-0.34707	0.48968	0.47475	0.32883	0.54934	0.35843	1.00000
E3CGO	-0.02863	0.03862	0.02317	0.41572	-0.13132	-0.26061	0.14104	0.39983	0.06455	0.25129	0.11465	0.63307
E3TUC	-0.22852	-0.21212	-0.18164	0.80665	0.18915	-0.25926	0.66018	0.49452	0.51214	0.87299	0.06664	0.46596
E3CIP	-0.14888	-0.22857	-0.11136	0.83257	0.13527	-0.07217	0.68210	0.29507	0.75599	0.84560	0.06956	0.44040
E3USE	-0.00842	0.03908	0.03873	0.53981	0.02425	0.17577	0.58989	0.10422	0.21221	0.47211	0.32530	0.08198
E3DI	-0.11350	0.00130	-0.07034	0.96871	-0.07028	-0.16055	0.80434	0.54549	0.50534	0.89166	0.38788	0.77465
T3AGE	0.01850	0.07441	-0.00507	-0.02593	-0.04728	0.67756	0.02586	-0.11488	0.06386	0.04600	-0.02467	-0.16654
T3TSB	0.03093	0.17977	0.03233	-0.08729	-0.14406	-0.19950	-0.06465	-0.00797	0.03882	-0.19811	-0.12250	0.14743
RPRESES	0.58472	0.10076	0.02463	-0.09220	-0.14765	0.10229	-0.07374	-0.04185	0.00919	-0.09056	0.06003	-0.07128
ATOT73	0.99704	0.27937	0.82121	-0.11837	-0.16084	0.11565	-0.10012	-0.06676	-0.03790	-0.17549	0.11006	-0.05496
PCT73	0.00000	0.18385	-0.02157	-0.04923	0.01543	-0.00946	-0.07918	0.18737	-0.01620	-0.01887	0.16141	-0.00731
ATOT72	0.82452	0.24593	0.99992	-0.07227	-0.09660	0.07005	-0.06102	-0.06913	-0.05085	-0.14659	0.07795	-0.01343
PCT72	0.05845	-0.12468	-0.00000	-0.44653	0.32375	0.16018	-0.43848	-0.29324	-0.02594	-0.29049	-0.30833	-0.49520

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	ATOT73	PCT73	ATOT72	PCT72
RESP73	-0.02863	-0.22852	-0.14888	-0.00842	-0.11350	0.01850	0.03093	0.58472	0.99704	0.00000	0.82452	0.05845
COMPSES	0.03862	-0.21212	-0.22857	0.03908	0.00130	0.07441	0.17977	0.10076	0.27937	0.18385	0.24593	-0.12468
RESP72	0.02317	-0.18164	-0.11136	0.03873	-0.07034	-0.00507	0.03233	0.02463	0.82121	-0.02157	0.99992	-0.00000
E3LI	0.41572	0.80665	0.83257	0.53981	0.96871	-0.02593	-0.08729	-0.09220	-0.11837	-0.04923	-0.07227	-0.44653
E3MMIN	-0.13132	0.18915	0.13527	0.02425	-0.07028	-0.04728	-0.14406	-0.14765	-0.16084	0.01543	-0.09660	0.32375
T3TQ	-0.26061	-0.25926	-0.07217	0.17577	-0.16055	0.67756	-0.19950	0.10229	0.11565	-0.00946	0.07005	0.16018
E3UO	0.14104	0.66018	0.68210	0.58989	0.80434	0.02586	-0.06465	-0.07374	-0.10012	-0.07918	-0.06102	-0.43848
E3IDM	0.39983	0.49452	0.29507	0.10422	0.54549	-0.11488	-0.00797	-0.04185	-0.06676	0.18737	-0.06913	-0.29324
E3TLDM	0.06455	0.51214	0.75599	0.21221	0.50534	0.06386	0.03882	0.00919	-0.03790	-0.01620	-0.05085	-0.02594
E3IIP	0.25129	0.87299	0.84560	0.47211	0.89166	0.04600	-0.19811	-0.09056	-0.17549	-0.01887	-0.14659	-0.29049
E3SC	0.11465	0.06664	0.06956	0.32530	0.38788	-0.02467	-0.12250	0.06003	0.11006	0.16141	0.07795	-0.30833
E3UPA	0.63307	0.46596	0.44040	0.08198	0.77465	-0.16654	0.14743	-0.07128	-0.05496	-0.00731	-0.01343	-0.49520
E3CGO	1.00000	0.10613	0.12575	0.01633	0.44769	-0.02027	0.20583	-0.08483	-0.05789	-0.38170	0.02954	-0.51388
E3TUC	0.10613	1.00000	0.83530	0.38849	0.78000	-0.14839	-0.12903	-0.14049	-0.21499	0.16722	-0.17925	-0.19143
E3CIP	0.12575	0.83530	1.00000	0.41711	0.74289	-0.08745	-0.20093	-0.09967	-0.14935	-0.01184	-0.10995	-0.11293
E3USE	0.01633	0.38849	0.41711	1.00000	0.58885	0.21484	-0.27380	-0.07131	-0.02456	-0.21026	0.04303	-0.34685
E3DI	0.44769	0.78000	0.74289	0.58885	1.00000	0.00319	-0.11243	-0.10048	-0.11776	-0.05982	-0.06413	-0.50026
T3AGE	-0.02027	-0.14839	-0.08745	0.21484	0.00319	1.00000	-0.24015	0.03856	0.01160	-0.08900	-0.00521	0.01079
T3TSB	0.20583	-0.12903	-0.20093	-0.27380	-0.11243	-0.24015	1.00000	0.00478	0.03468	0.05003	0.03368	-0.10882
RPRESES	-0.08483	-0.14049	-0.09967	-0.07131	-0.10048	0.03856	0.00478	1.00000	0.58508	0.02716	0.02331	0.10627
ATOT73	-0.05789	-0.21499	-0.14935	-0.02456	-0.11776	0.01160	0.03468	0.58508	1.00000	0.07687	0.81986	0.10383
PCT73	-0.38170	0.16722	-0.01184	-0.21026	-0.05982	-0.08900	0.05003	0.02716	0.07687	1.00000	-0.02892	0.59265
ATOT72	0.02954	-0.17925	-0.10995	0.04303	-0.06413	-0.00521	0.03368	0.02331	0.81986	-0.02892	1.00000	-0.01241
PCT72	-0.51388	-0.19143	-0.11293	-0.34685	-0.50026	0.01079	-0.10882	0.10627	0.10383	0.59265	-0.01241	1.00000

TABLE B-12

Intercorrelations among Analysis Variables -- Cohort 7, Spring 1973, Arithmetic Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.29123	0.83714	-0.16294	-0.10621	0.24628	0.09114	-0.04523	-0.09589	-0.26135	0.04111	-0.05960
COMPSES	0.29123	1.00000	0.22151	0.16645	-0.07180	0.05414	0.27781	0.27545	0.06026	-0.02334	0.30848	0.23426
RESR72	0.83714	0.22151	1.00000	-0.18302	-0.11591	0.26102	0.05312	-0.08237	-0.08105	-0.27253	-0.00038	-0.07850
E3LI	-0.16294	0.16645	-0.18302	1.00000	0.78023	-0.13967	0.64799	0.81835	0.49084	0.68454	0.80106	0.85283
E3NMIN	-0.10621	-0.07180	-0.11591	0.78023	1.00000	-0.12376	0.53651	0.50931	0.36787	0.60253	0.57119	0.57499
T3TQ	0.24628	0.05414	0.26102	-0.13967	-0.12376	1.00000	-0.15883	0.01807	-0.11483	-0.10218	0.00998	-0.13896
E3UO	0.09114	0.27781	0.05312	0.64799	0.53651	-0.15883	1.00000	0.49490	0.30122	0.34721	0.55503	0.55872
E3IDM	-0.04523	0.27545	-0.08237	0.81835	0.50931	0.01807	0.49490	1.00000	0.07867	0.54611	0.82661	0.82909
E3TLDM	-0.09589	0.06026	-0.08105	0.49084	0.36787	-0.11483	0.30122	0.07867	1.00000	-0.04105	0.50285	0.43424
E3IIP	-0.26135	-0.02334	-0.27253	0.68454	0.60253	-0.10218	0.34721	0.54611	-0.04105	1.00000	0.22570	0.29431
E3SC	0.04111	0.30848	-0.00038	0.80106	0.57119	0.00998	0.55503	0.82661	0.50285	0.22570	1.00000	0.86316
E3UPA	-0.05960	0.23426	-0.07850	0.85283	0.57499	-0.13896	0.55872	0.82909	0.43424	0.29431	0.86316	1.00000
E3CGO	-0.15001	-0.05692	-0.13150	0.07846	-0.07006	-0.01793	-0.28722	0.33962	-0.38182	0.30768	-0.03691	0.15280
E3TUC	-0.22138	-0.12087	-0.18375	0.47829	0.44408	-0.28001	0.22990	0.03870	0.64230	0.13463	0.18812	0.49158
E3CIP	-0.19848	0.09037	-0.21116	0.94540	0.78833	-0.13900	0.50737	0.67734	0.58234	0.61391	0.73584	0.78753
E3USE	-0.12192	0.14547	-0.14822	0.91033	0.78622	-0.07210	0.60883	0.64979	0.60409	0.58335	0.77572	0.69848
E3DI	-0.18110	0.14479	-0.20526	0.96904	0.76796	-0.10074	0.58649	0.84439	0.30725	0.81513	0.72161	0.75590
T3AGE	0.12924	0.09825	0.12695	0.07960	0.11662	0.49942	0.15280	0.11711	-0.03007	0.07429	0.12875	0.06657
T3TSB	0.02823	0.16364	0.00824	0.09219	-0.03458	-0.54620	0.32239	0.01098	-0.03687	0.02978	0.01152	0.14654
RPRESES	0.57836	0.17272	0.03826	-0.03143	-0.01983	0.06112	0.07934	0.03113	-0.05710	-0.07261	0.06632	0.00026
ATOT73	0.99650	0.27237	0.83830	-0.23225	-0.17070	0.25086	0.02836	-0.10587	-0.11897	-0.30635	-0.02322	-0.11742
PCT73	-0.00000	0.21339	-0.04885	0.83610	0.77605	-0.06507	0.74731	0.72744	0.28013	0.54927	0.76790	0.69431
ATOT72	0.83521	0.22197	0.99853	-0.20752	-0.15265	0.27024	0.02321	-0.08411	-0.11263	-0.27707	-0.02093	-0.09789
PCT72	0.01287	-0.01450	0.00000	0.45644	0.68034	-0.17691	0.54982	0.03434	0.58416	0.09095	0.37874	0.35950

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	ATOT73	PCT73	ATOT72	PCT72
RESR73	-0.15001	-0.22138	-0.19848	-0.12192	-0.18110	0.12924	0.02823	0.57836	0.99650	-0.00000	0.83521	0.01287
COMPSES	-0.05692	-0.12087	0.09037	0.14547	0.14479	0.09825	0.16364	0.17272	0.27237	0.21339	0.22197	-0.01450
RESR72	-0.13150	-0.18375	-0.21116	-0.14822	-0.20626	0.12695	0.00824	0.03826	0.83830	-0.04885	0.99853	0.00000
E3LI	0.07846	0.47829	0.94540	0.91033	0.96904	0.07960	0.09219	-0.03143	-0.23225	0.83610	-0.20752	0.45644
E3NMIN	-0.07006	0.44408	0.78833	0.78622	0.76796	0.11662	-0.03458	-0.01983	-0.17070	0.77605	-0.15265	0.68034
T3TQ	-0.01793	-0.28001	-0.13900	-0.07210	-0.10074	0.49942	-0.54620	0.06112	0.25086	-0.06507	0.27024	-0.17691
E3UO	-0.28722	0.22990	0.50737	0.60883	0.58649	0.15280	0.32239	0.07934	0.02836	0.74731	0.02321	0.54982
E3IDM	0.33962	0.03870	0.67734	0.64979	0.84439	0.11711	0.01098	0.03113	-0.10587	0.72744	-0.08411	0.03434
E3TLDM	-0.38182	0.64230	0.58234	0.60409	0.30725	-0.03007	-0.03687	-0.05710	-0.11897	0.28013	-0.11263	0.58416
E3IIP	0.30768	0.13463	0.61391	0.58335	0.81513	0.07429	0.02978	-0.07261	-0.30635	0.54927	-0.27707	0.09095
E3SC	-0.03691	0.18812	0.73584	0.77572	0.72161	0.12875	0.01152	0.06632	-0.02322	0.76790	-0.02093	0.37874
E3UPA	0.15280	0.49158	0.78753	0.69848	0.75590	0.06657	0.14654	0.00026	-0.11742	0.69431	-0.09789	0.35950
E3CGO	1.00000	-0.24226	-0.10829	-0.28514	0.13716	0.16958	-0.21564	-0.07750	-0.12537	-0.28857	-0.09292	-0.70745
E3TUC	-0.24226	1.00000	0.63617	0.47660	0.34894	-0.18374	0.19222	-0.12861	-0.24402	0.28008	-0.21827	0.64127
E3CIP	-0.10829	0.63617	1.00000	0.95197	0.91092	-0.02642	0.09923	-0.05231	-0.26667	0.82421	-0.24365	0.60457
E3USE	-0.28514	0.47660	0.95197	1.00000	0.88491	0.00502	0.07418	-0.00735	-0.19615	0.89328	-0.18383	0.66023
E3DI	0.13716	0.34894	0.91092	0.88491	1.00000	0.07181	0.07604	-0.02942	-0.25137	0.84829	-0.22547	0.35964
T3AGE	0.16958	-0.18374	-0.02642	0.00502	0.07181	1.00000	-0.12317	0.04482	0.12375	0.06030	0.12901	-0.04136
T3TSB	-0.21564	0.19222	0.09923	0.07418	0.07604	-0.12317	1.00000	0.03439	0.01017	0.21490	-0.00522	0.24785
RPRESES	-0.07750	-0.12861	-0.05231	-0.00735	-0.02942	0.04482	0.03439	1.00000	0.57081	0.06617	0.03689	0.02411
ATOT73	-0.12537	-0.24402	-0.26667	-0.19615	-0.25137	0.12375	0.01017	0.57081	1.00000	-0.08358	0.83930	-0.04131
PCT73	-0.28857	0.28008	0.82421	0.89328	0.84829	0.06030	0.21490	0.06617	-0.08358	1.00000	-0.08393	0.64773
ATOT72	-0.09292	-0.21827	-0.24365	-0.18383	-0.22547	0.12901	-0.00522	0.03689	0.83930	-0.08393	1.00000	-0.05426
PCT72	-0.70745	0.64127	0.60457	0.66023	0.35964	-0.04136	0.24785	0.02411	-0.04131	0.64773	-0.05426	1.00000

TABLE B-13
Intercorrelations among Analysis Variables -- Cohort 8, Spring 1973, Arithmetic Total Score Analysis

	RESP73	COMPSES	RESP72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESP73	1.00000	0.22188	0.84086	-0.06246	-0.08052	0.09410	0.04433	0.00434	-0.13258	-0.07854	0.05734	0.06332
COMPSES	0.22188	1.00000	0.19930	0.21239	-0.01850	0.03877	0.27649	0.28596	0.13670	0.19188	0.04755	0.30300
RESP72	0.84066	0.19930	1.00000	-0.05362	-0.05150	0.12077	-0.03029	0.00423	-0.21552	-0.07280	0.09791	0.11561
E3LI	-0.06246	0.21239	-0.05362	1.00000	0.27691	0.02870	0.34261	0.92932	0.53936	0.93355	0.47327	0.51142
E3NMIN	-0.08052	-0.01850	-0.05150	0.27691	1.00000	-0.18045	0.51303	0.41908	0.33952	0.46971	-0.54431	0.53207
T3TQ	0.09410	0.03877	0.12077	0.02870	-0.18045	1.00000	-0.20092	-0.04912	-0.27364	-0.07244	0.30405	0.08239
E3UO	0.04433	0.27649	-0.03029	0.34261	0.51303	-0.20092	1.00000	0.49216	0.68022	0.45289	-0.45069	0.29216
E3IDM	0.00434	0.28596	0.00423	0.92932	0.41908	-0.04912	0.49216	1.00000	0.53018	0.93391	0.31032	0.64709
E3TLDM	-0.13258	0.13670	-0.21552	0.53936	0.33952	-0.27364	0.68022	0.53018	1.00000	0.64557	-0.27280	-0.03597
E3IIP	-0.07854	0.19188	-0.07280	0.93355	0.46971	-0.07244	0.45289	0.93391	0.64557	1.00000	0.22572	0.54414
E3SC	0.05734	0.04756	0.09791	0.47327	-0.54431	0.30405	-0.45069	0.31032	-0.27280	0.22572	1.00000	0.06380
E3UPA	0.06332	0.30300	0.11561	0.51142	0.53207	0.08239	0.29216	0.64709	-0.03597	0.54414	0.06380	1.00000
E3CGO	-0.10653	-0.00072	-0.07566	0.72408	-0.04068	-0.01333	-0.18989	0.58579	0.25941	0.55904	0.65278	0.07016
E3TUC	-0.22674	-0.19393	-0.19460	0.10108	0.11843	-0.00884	0.01093	-0.13756	0.27100	0.19240	-0.15329	-0.17465
E3CIP	-0.11411	0.09710	-0.06100	0.89999	0.18917	0.14264	-0.01249	0.72804	0.25954	0.77398	0.59493	0.50096
E3USE	-0.09069	0.11888	-0.09283	0.91682	0.09408	0.12314	0.21980	0.72947	0.50110	0.75941	0.55972	0.26184
E3DI	-0.04472	0.24372	-0.03096	0.97298	0.[illegible]3147	0.01627	0.42226	0.96185	0.51992	0.96128	0.34150	0.66742
T3AGE	0.12144	0.02851	0.15823	0.12206	0.02021	0.79317	-0.09705	0.10393	-0.22659	0.06844	0.25823	0.20650
T3TSB	0.06171	0.10635	0.05393	-0.06443	-0.00758	-0.40726	0.07585	0.07359	0.16570	0.06781	-0.19164	-0.00490
RPRESES	0.55622	0.09018	0.01797	-0.03631	-0.06966	-0.01183	0.12451	-0.00260	0.08353	-0.03634	-0.04488	-0.06465
ATOT73	0.99962	0.22763	0.84066	-0.04839	-0.05650	0.09185	0.06306	0.02239	-0.12164	-0.06135	0.04789	0.08482
PCT73	0.00000	0.21201	0.00416	0.51022	0.87176	-0.08053	0.68067	0.65597	0.39522	0.62342	-0.34230	0.78160
ATOT72	0.84082	0.19[illegible]	1.00000	-0.05408	-0.05083	0.12069	-0.03017	0.00392	-0.21572	-0.07306	0.09715	0.11585
PCT72	-0.04023	-0.156[illegible]	0.00000	-0.46290	0.66962	-0.07745	0.12124	-0.31828	-0.19586	-0.25820	-0.76894	0.24004

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	ATOT73	PCT73	ATOT72	PCT72
RESP73	-0.10653	-0.22674	-0.11411	-0.09069	-0.04472	0.12144	0.06171	0.55622	0.99962	0.00000	0.84082	-0.04023
COMPSES	-0.00072	-0.19393	0.09710	0.11888	0.24372	0.02851	0.10635	0.09018	0.22763	0.21201	0.19914	-0.15689
RESP72	-0.07566	-0.19460	-0.06100	-0.09283	-0.03096	0.15823	0.05393	0.01797	0.84066	0.00416	1.0000[illegible]	0.00000
E3LI	0.72408	0.10108	0.89999	0.91682	0.97298	0.12206	-0.06443	-0.03631	-0.04839	0.51022	-0.05408	-0.46290
E3NMIN	-0.04068	0.11843	0.18917	0.09408	0.43147	0.02021	-0.00758	-0.06966	-0.05650	0.87176	-0.05083	0.66962
T3TQ	-0.01333	-0.00884	0.14264	0.12314	0.01627	0.79317	-0.40726	-0.01183	0.09185	-0.08053	0.12069	-0.07745
E3UO	-0.18989	0.01093	-0.01249	0.21980	0.42226	-0.09705	0.07585	0.12451	0.06306	0.68067	-0.03017	0.12124
E3IDM	0.58579	-0.13756	0.72804	0.72947	0.96185	0.10393	0.07359	-0.00260	0.02239	0.65597	0.00392	-0.31828
E3TLDM	0.25941	0.27100	0.25954	0.50110	0.51992	-0.22659	0.16570	0.08353	-0.12164	0.39522	-0.21572	-0.19586
E3IIP	0.55904	0.19240	0.77398	0.75941	0.96128	0.06844	0.06781	-0.03634	-0.06135	0.62342	-0.07306	-0.25820
E3SC	0.65278	-0.15329	0.59493	0.55972	0.34150	0.25823	-0.19164	-0.04488	0.04789	-0.34230	0.09715	-0.76894
E3UPA	0.07016	-0.17465	0.50096	0.26184	0.66742	0.20650	-0.00490	-0.06465	0.08482	0.78160	0.11585	0.24004
E3CGO	1.00000	-0.06467	0.76551	0.74292	0.59311	0.03680	-0.02785	-0.08094	-0.10656	-0.00268	-0.07628	-0.62890
E3TUC	-0.06467	1.00000	0.24006	0.20363	0.07363	-0.05714	-0.13398	-0.11799	-0.22737	-0.02619	-0.19448	0.11986
E3CIP	0.76551	0.24006	1.00000	0.89356	0.85629	0.18710	-0.19904	-0.11887	-0.10396	0.36712	-0.06139	-0.39055
E3USE	0.74292	0.20363	0.89356	1.00000	0.82778	0.13924	-0.25158	-0.02701	-0.08194	0.31637	-0.09338	-0.55316
E3DI	0.59311	0.07363	0.85629	0.82778	1.00000	0.13939	-0.03437	-0.03872	-0.02630	0.66844	-0.03125	-0.28467
T3AGE	0.03680	-0.05714	0.18710	0.13924	0.13939	1.00000	-0.32987	-0.01859	0.12375	0.08572	0.15824	0.00430
T3TSB	-0.02785	-0.13398	-0.19904	-0.25158	-0.03437	-0.32987	1.00000	0.02986	0.06048	-0.04408	0.05390	-0.03863
RPRESES	-0.08094	-0.11799	-0.11887	-0.02701	-0.03872	-0.01859	0.02986	1.00000	0.55575	-0.00943	0.01790	-0.07215
ATOT73	-0.10656	-0.22737	-0.10396	-0.08194	-0.02630	0.12375	0.06048	0.55575	1.00000	0.02753	0.84063	-0.02830
PCT73	-0.00268	-0.02619	0.36712	0.31637	0.66844	0.08572	-0.04408	-0.00943	0.02753	1.00000	0.00458	0.43294
ATOT72	-0.07628	-0.19448	-0.06139	-0.09338	-0.03125	0.15824	0.05390	0.01790	0.84063	0.00458	1.00000	0.00099
PCT72	-0.62890	0.11986	-0.39055	-0.55316	-0.28467	0.00430	-0.03863	-0.07215	-0.02830	0.43294	0.00099	1.00000

TABLE B-14

Intercorrelations among Analysis Variables -- Cohort 9, Spring 1973, Arithmetic Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.15867	0.82355	0.01371	0.01792	0.08855	-0.01875	0.06154	0.01792	0.05948	0.00579	0.03404
COMPSES	0.15867	1.00000	0.09874	0.28002	0.20102	-0.01014	0.29081	0.26883	0.20102	0.25334	-0.01459	0.27550
RESR72	0.82355	0.09874	1.00000	-0.10761	-0.07473	0.11534	-0.13700	-0.06809	-0.07473	-0.06632	0.01479	-0.08989
E3LI	0.01371	0.28002	-0.10761	1.00000	0.47050	-0.12553	0.84579	0.94263	0.47050	0.88698	0.22648	0.99347
E3NMIN	0.01792	0.20102	-0.07473	0.47050	1.00000	-0.37981	0.82679	0.63584	1.00000	0.73860	-0.74962	0.46473
T3TQ	0.08855	-0.01014	0.11534	-0.12553	-0.37981	1.00000	-0.29079	-0.18092	-0.37981	-0.23912	0.33183	-0.11348
E3UO	-0.01875	0.29081	-0.13700	0.84579	0.82679	-0.29079	1.00000	0.85008	0.82679	0.86571	-0.29553	0.81801
E3IDM	0.06154	0.26883	-0.06809	0.94263	0.63584	-0.18092	0.85008	1.00000	0.63584	0.97884	0.02263	0.96342
E3TLDM	0.01792	0.20102	-0.07473	0.47050	1.00000	-0.37981	0.82679	0.63584	1.00000	0.73860	-0.74962	0.46473
E3IIP	0.05948	0.25334	-0.06632	0.88698	0.73860	-0.23912	0.86571	0.97884	0.73860	1.00000	-0.13522	0.90304
E3SC	0.00579	-0.01459	0.01479	0.22648	-0.74962	0.33183	-0.29553	0.02263	-0.74962	-0.13522	1.00000	0.23768
E3UPA	0.03404	0.27550	-0.08989	0.99347	0.46473	-0.11348	0.81801	0.96342	0.46473	0.90304	0.23768	1.00000
E3CGO	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000
E3TUC	-0.12708	-0.04026	-0.09358	-0.02918	0.04986	-0.13297	0.08776	-0.16707	0.04986	-0.04860	-0.14597	-0.12211
E3CIP	-0.02899	0.24066	-0.12214	0.92343	0.14843	-0.01389	0.66447	0.74831	0.14843	0.65363	0.50639	0.89527
E3USE	-0.04765	0.25553	-0.13865	0.88436	0.16401	-0.01386	0.68925	0.68817	0.16401	0.57554	0.45475	0.84906
E3DI	0.02968	0.28196	-0.09686	0.99150	0.55615	-0.15577	0.87112	0.97730	0.55615	0.93638	0.13268	0.99369
T3AGE	0.19286	0.01129	0.20122	-0.05880	-0.13737	0.74632	-0.14027	-0.04573	-0.13737	-0.06187	0.11936	-0.04192
T3TSB	-0.10442	-0.01129	-0.08193	0.12253	0.08664	-0.48226	0.05203	0.19396	0.08664	0.20826	0.01576	0.14823
RPRESES	0.57671	0.11828	0.01168	0.17385	0.13544	-0.00961	0.15864	0.20162	0.13544	0.19573	-0.01081	0.18431
ATOT73	0.98364	0.10234	0.83237	-0.14082	-0.12895	0.13535	-0.19645	-0.09773	-0.12895	-0.09895	0.05302	-0.11831
PCT73	-0.00000	0.29833	-0.12371	0.85664	0.81373	-0.26788	0.98824	0.87863	0.81373	0.87416	-0.26274	0.84272
ATOT72	0.82214	0.09757	0.99945	-0.10503	-0.10200	0.12698	-0.14927	-0.07370	-0.10200	-0.07759	0.04652	-0.08746
PCT72	0.02900	0.03365	0.00000	-0.07611	0.82282	-0.35279	0.37186	0.17001	0.82282	0.34068	-0.95632	-0.07182

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	ATOT73	PCT73	ATOT72	PCT72
RESR73	99.00000	-0.12708	-0.02899	-0.04765	0.02968	0.19286	-0.10442	0.57671	0.98364	-0.00000	0.82214	0.02900
COMPSES	99.00000	-0.04026	0.24066	0.25553	0.28196	0.01129	-0.01129	0.11828	0.10234	0.29833	0.09757	0.03365
RESR72	99.00000	-0.09358	-0.12214	-0.13865	-0.09686	0.20122	-0.08193	0.01168	0.83237	-0.12371	0.99945	0.00000
E3LI	99.00000	-0.02918	0.92343	0.88436	0.99150	-0.05880	0.12253	0.17385	-0.14082	0.85664	-0.10503	-0.07611
E3NMIN	99.00000	0.04986	0.14843	0.16401	0.55615	-0.13737	0.08664	0.13544	-0.12895	0.81373	-0.10200	0.82282
T3TQ	99.00000	-0.13297	-0.01389	-0.01386	-0.15577	0.74632	-0.48226	-0.00961	0.13535	-0.26788	0.12698	-0.35279
E3UO	99.00000	0.08776	0.66447	0.68925	0.87112	-0.14027	0.05203	0.15864	-0.19645	0.98824	-0.14927	0.37186
E3IDM	99.00000	-0.16707	0.74831	0.68817	0.97730	-0.04573	0.19396	0.20162	-0.09773	0.87863	-0.07370	0.17001
E3TLDM	99.00000	0.04986	0.14843	0.16401	0.55615	-0.13737	0.08664	0.13544	-0.12895	0.81373	-0.10200	0.82282
E3IIP	99.00000	-0.04860	0.65363	0.57554	0.93638	-0.06187	0.20826	0.19573	-0.09895	0.87416	-0.07759	0.34068
E3SC	99.00000	-0.14597	0.50639	0.45475	0.13268	0.11936	0.01576	-0.01081	0.05302	-0.26274	0.04652	-0.95632
E3UPA	99.00000	-0.12211	0.89527	0.84906	0.99369	-0.04192	0.14823	0.18431	-0.11831	0.84272	-0.08746	-0.07182
E3CGO	1.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000
E3TUC	99.00000	1.00000	0.09605	0.02401	-0.07392	-0.10206	-0.07483	-0.08887	-0.11328	-0.06508	-0.09831	0.14433
E3CIP	99.00000	0.09605	1.00000	0.97168	0.86603	-0.04381	0.04852	0.12012	-0.14731	0.65951	-0.10865	-0.40461
E3USE	99.00000	0.02401	0.97168	1.00000	0.82162	-0.06319	-0.01503	0.11064	-0.17214	0.69550	-0.12481	-0.41458
E3DI	99.00000	-0.07392	0.86603	0.82162	1.00000	-0.05909	0.14733	0.18653	-0.13066	0.88750	-0.09788	0.03236
T3AGE	99.00000	-0.10206	-0.04381	-0.06319	-0.05909	1.00000	-0.62476	0.05049	0.21211	-0.12438	0.20445	-0.10071
T3TSB	99.00000	-0.07483	0.04852	-0.01503	0.14733	-0.62476	1.00000	-0.06618	-0.11400	0.06267	-0.08451	0.07895
RPRESES	99.00000	-0.08887	0.12012	0.11064	0.18653	0.05049	-0.06618	1.00000	0.53621	0.17246	0.00999	0.05058
ATOT73	99.00000	-0.11328	-0.14731	-0.17214	-0.13066	0.21211	-0.11400	0.53621	1.00000	-0.18013	0.83299	-0.03258
PCT73	99.00000	-0.06508	0.65951	0.69550	0.88750	-0.12438	0.06267	0.17246	-0.18013	1.00000	-0.13490	0.33924
ATOT72	99.00000	-0.09831	-0.10865	-0.12481	-0.09788	0.20445	-0.08451	0.00999	0.83299	-0.13490	1.00000	-0.03318
PCT72	99.00000	0.14433	-0.40461	-0.41458	0.03236	-0.10071	0.07895	0.05058	-0.03258	0.33924	-0.03318	1.00000

TABLE B-15

Intercorrelations among Analysis Variables -- Cohort 10, Spring 1973, Arithmetic Total Score Analysis

	RESR73	COMPSES	RESR72	E3LI	E3NMIN	T3TQ	E3UO	E3IDM	E3TLDM	E3IIP	E3SC	E3UPA
RESR73	1.00000	0.00477	0.75105	-0.00924	0.01811	0.18301	0.00750	-0.00904	0.01811	0.00039	-0.03035	-0.01313
COMPSES	0.00477	1.00000	-0.07765	0.32731	0.19630	-0.07017	0.30412	0.29485	0.19630	0.30233	0.01130	0.31265
RESR72	0.75105	-0.07765	1.00000	-0.22417	-0.12812	0.31628	-0.19083	-0.22723	-0.12812	-0.21449	-0.02698	-0.23027
E3LI	-0.00924	0.32731	-0.22417	1.00000	0.52724	-0.21817	0.86990	0.92198	0.52724	0.90371	0.13504	0.97972
E3NMIN	0.01811	0.19630	-0.12812	0.52724	1.00000	-0.26651	0.85055	0.65338	1.00000	0.82295	-0.76116	0.49816
T3TQ	0.18301	-0.07017	0.31628	-0.21817	-0.26651	1.00000	-0.34431	-0.09832	-0.26651	-0.21588	0.20680	-0.12750
E3UO	0.00750	0.30412	-0.19083	0.86990	0.85055	-0.34431	1.00000	0.83452	0.85055	0.95139	-0.36037	0.80745
E3IDM	-0.00904	0.29485	-0.22723	0.92198	0.65338	-0.09832	0.83452	1.00000	0.65338	0.95700	-0.01864	0.96545
E3TLDM	0.01811	0.19630	-0.12812	0.52724	1.00000	-0.26651	0.85055	0.65338	1.00000	0.82295	-0.76116	0.49816
E3IIP	0.00039	0.30233	-0.21449	0.90371	0.82295	-0.21588	0.95139	0.95700	0.82295	1.00000	-0.25794	0.90256
E3SC	-0.03035	0.01130	-0.02698	0.13504	-0.76116	0.20680	-0.36037	-0.01864	-0.76116	-0.25794	1.00000	0.18318
E3UPA	-0.01313	0.31265	-0.23027	0.97972	0.49816	-0.12750	0.80745	0.96545	0.49816	0.90256	0.18318	1.00000
E3CGO	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000
E3TUC	0.02293	0.01557	0.06928	-0.07969	0.11566	-0.42076	0.18747	-0.36355	0.11566	-0.12418	-0.33847	-0.27719
E3CIP	-0.01087	0.29628	-0.17914	0.89442	0.21049	-0.27476	0.69314	0.65578	0.21049	0.64060	0.37335	0.81920
E3USE	-0.01443	0.29917	-0.19243	0.92173	0.19722	-0.21781	0.67775	0.72060	0.19722	0.67002	0.42951	0.87317
E3DI	-0.00857	0.32201	-0.22907	0.98875	0.60250	-0.18514	0.88405	0.96880	0.60250	0.94753	0.05708	0.98956
T3AGE	0.20980	-0.06930	0.26872	-0.21808	0.21954	0.70708	-0.05705	-0.03025	0.21954	-0.00003	-0.37340	-0.16643
T3TSB	-0.18328	0.01831	-0.17159	0.06265	-0.39640	-0.26231	-0.19678	-0.00704	-0.39640	-0.13588	0.51902	0.09304
RPRESES	0.65542	0.08115	-0.00630	0.23807	0.17139	-0.08400	0.22558	0.24235	0.17139	0.24195	-0.01527	0.23938
ATOT73	0.97909	-0.05706	0.77919	-0.19384	-0.14823	0.22270	-0.18588	-0.20412	-0.14823	-0.20304	0.02030	-0.19754
PCT73	-0.00000	0.30346	-0.21554	0.90840	0.81580	-0.21391	0.94983	0.95987	0.81580	0.99992	-0.24586	0.90787
ATOT72	0.74235	-0.08014	0.99301	-0.22018	-0.22538	0.34063	-0.24399	-0.24142	-0.22538	-0.25656	0.09041	-0.22076
PCT72	0.02924	0.02571	-0.00000	-0.02056	0.83175	-0.22504	0.46176	0.13372	0.83175	0.36911	-0.99314	-0.06701

	E3CGO	E3TUC	E3CIP	E3USE	E3DI	T3AGE	T3TSB	RPRESES	ATOT73	PCT73	ATOT72	PCT72
RESR73	99.00000	0.02293	-0.01087	-0.01443	-0.00857	0.20980	-0.18328	0.65542	0.97909	-0.00000	0.74235	0.02924
COMPSES	99.00000	0.01557	0.29628	0.29917	0.32201	-0.06930	0.01831	0.08115	-0.05706	0.30346	-0.08014	0.02571
RESR72	99.00000	0.06928	-0.17914	-0.19243	-0.22907	0.26872	-0.17159	-0.00630	0.77919	-0.21554	0.99301	-0.00000
E3LI	99.00000	-0.07969	0.89442	0.92173	0.98875	-0.21808	0.06265	0.23807	-0.19384	0.90840	-0.22018	-0.02056
E3NMIN	99.00000	0.11566	0.21049	0.19722	0.60250	0.21954	-0.39640	0.17139	-0.14823	0.81580	-0.22538	0.83175
T3TQ	99.00000	-0.42076	-0.27476	-0.21781	-0.18514	0.70708	-0.26231	-0.08400	0.22270	-0.21391	0.34063	-0.22504
E3UO	99.00000	0.18747	0.69314	0.67775	0.88405	-0.05705	-0.19678	0.22558	-0.18588	0.94983	-0.24399	0.46176
E3IDM	99.00000	-0.36355	0.65578	0.72060	0.96880	-0.03025	-0.00704	0.24235	-0.20412	0.95987	-0.24142	0.13372
E3TLDM	99.00000	0.11566	0.21049	0.19722	0.60250	0.21954	-0.39640	0.17139	-0.14823	0.81580	-0.22538	0.83175
E3IIP	99.00000	-0.12418	0.64060	0.67002	0.94753	-0.00003	-0.13588	0.24195	-0.20304	0.99992	-0.25656	0.36911
E3SC	99.00000	-0.33847	0.37335	0.42951	0.05708	-0.37340	0.51902	-0.01527	0.02030	-0.24586	0.09041	-0.99314
E3UPA	99.00000	-0.27719	0.81820	0.87317	0.98956	-0.16643	0.09304	0.23938	-0.19754	0.90787	-0.22076	-0.06701
E3CGO	1.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000	99.00000
E3TUC	99.00000	1.00000	0.18997	0.04652	-0.17381	-0.18363	-0.20065	-0.04489	0.04868	-0.12896	0.03214	0.31056
E3CIP	99.00000	0.18997	1.00000	0.98956	0.81759	-0.40695	0.17752	0.18442	-0.14237	0.64751	-0.14465	-0.28164
E3USE	99.00000	0.04652	0.98956	1.00000	0.85738	-0.38709	0.21005	0.19423	-0.15200	0.67776	-0.15190	-0.33210
E3DI	99.00000	-0.17381	0.81759	0.85738	1.00000	-0.14580	0.02563	0.24477	-0.20192	0.95135	-0.23452	0.05973
T3AGE	99.00000	-0.18363	-0.40695	-0.38709	-0.14580	1.00000	-0.72273	0.01113	0.20640	-0.00486	0.22446	0.35918
T3TSB	99.00000	-0.20065	0.17752	0.21005	0.02563	-0.72273	1.00000	-0.08150	-0.15308	-0.12962	-0.10954	-0.51570
RPRESES	99.00000	-0.04489	0.18442	0.19423	0.24477	0.01113	-0.08150	1.00000	0.59238	0.24254	-0.01144	0.04396
ATOT73	99.00000	0.04868	-0.14237	-0.15200	-0.20192	0.20640	-0.15308	0.59238	1.00000	-0.20343	0.77895	-0.04409
PCT73	99.00000	-0.12896	0.64751	0.67776	0.95135	-0.00486	-0.12962	0.24254	-0.20343	1.00000	-0.25622	0.35748
ATOT72	99.00000	0.03214	-0.14465	-0.15190	-0.23452	0.22446	-0.10954	-0.01144	0.77895	-0.25622	1.00000	-0.11801
PCT72	99.00000	0.31056	-0.28164	-0.33210	0.05973	0.35918	-0.51570	0.04396	-0.04409	0.35748	-0.11801	1.00000

TABLE C-1

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 2, SPRING 1972, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.04359 0.13691	0.22528 0.70755	0.00857 0.02690	0.00491 0.01543
C(S,P)	0.03350 0.10520	0.03350 0.10520		
C(S,E)	-0.00344 -0.01081		-0.00344 -0.01081	
C(S,T)	0.00272 0.00854			0.00272 0.00854
C(P,E)		0.01316 0.04133	0.01316 0.04133	
C(P,T)		-0.00202 -0.00635		-0.00202 -0.00635
C(E,T)			-0.00070 -0.00221	-0.00070 -0.00221
C(S,P,E)	-0.00668 -0.02099	-0.00668 -0.02099	-0.00668 -0.02099	
C(S,P,T)	0.00009 0.00027	0.00009 0.00027		0.00009 0.00027
C(S,E,T)	-0.00038 -0.00120		-0.00038 -0.00120	-0.00038 -0.00120
C(P,E,T)		0.00001 0.00005	0.00001 0.00005	0.00001 0.00005
C(S,P,E,T)	-0.00020 -0.00062	-0.00020 -0.00062	-0.00020 -0.00062	-0.00020 -0.00062
RSQ(I)	0.06919	0.26313	0.01033	0.00443
RSQ(S,P,E,T)		0.31839		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-2

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 3, SPRING 1972, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.01185 0.01884	0.49141 0.78139	0.00662 0.01052	0.00787 0.01252
C(S,P)	0.09635 0.15320	0.09635 0.15320		
C(S,E)	-0.00124 -0.00197		-0.00124 -0.00197	
C(S,T)	0.00087 0.00138			0.00087 0.00138
C(P,E)		-0.00113 -0.00180	-0.00113 -0.00180	
C(P,T)		0.00431 0.00686		0.00431 0.00686
C(E,T)			0.00481 0.00765	0.00481 0.00765
C(S,P,E)	0.00339 0.00539	0.00339 0.00539	0.00339 0.00539	
C(S,P,T)	0.00346 0.00550	0.00346 0.00550		0.00346 0.00550
C(S,E,T)	-0.00016 -0.00026		-0.00016 -0.00026	-0.00016 -0.00026
C(P,E,T)		0.00084 0.00133	0.00084 0.00133	0.00084 0.00133
C(S,P,E,T)	-0.00034 -0.00055	-0.00034 -0.00055	-0.00034 -0.00055	-0.00034 -0.00055
RSQ(I)	0.11417	0.59828	0.01277	0.02165
RSQ(S,P,E,T)		0.62889		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-3

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 5, SPRING 1972, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00380 0.00561	0.60152 0.88871	0.00659 0.00974	0.00099 0.00146
C(S,P)	0.06910 0.10210	0.06910 0.10210		
C(S,E)	-0.00040 -0.00059		-0.00040 -0.00059	
C(S,T)	0.00058 0.00086			0.00058 0.00086
C(P,E)		-0.00447 -0.00660	-0.00447 -0.00660	
C(P,T)		-0.00004 -0.00006		-0.00004 -0.00006
C(E,T)			-0.00042 -0.00063	-0.00042 -0.00063
C(S,P,E)	0.00070 0.00104	0.00070 0.00104	0.00070 0.00104	
C(S,P,T)	-0.00153 -0.00226	-0.00153 -0.00226		-0.00153 -0.00226
C(S,E,T)	-0.00011 -0.00016		-0.00011 -0.00016	-0.00011 -0.00016
C(P,E,T)		0.00059 0.00087	0.00059 0.00087	0.00059 0.00087
C(S,P,E,T)	-0.00006 -0.00009	-0.00006 -0.00009	-0.00006 -0.00009	-0.00006 -0.00009
RSQ(I)	0.07210	0.66582	0.00243	0.00000
RSQ(S,P,E,T)		0.67685		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-4

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 7, SPRING 1972, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAC VARS, LI AND NMIN**	TEACHING QUALIFI-CATIONS(T)
U(I)	0.00082 0.00114	0.64911 0.90206	0.00324 0.00450	0.00020 0.00028
C(S,P)	0.05579 0.07753	0.05579 0.07753		
C(S,E)	0.00055 0.00076		0.00055 0.00076	
C(S,T)	-0.00000 -0.00000			-0.00000 -0.00000
C(P,E)		0.00477 0.00663	0.00477 0.00663	
C(P,T)		0.00172 0.00239		0.00172 0.00239
C(E,T)			-0.00019 -0.00027	-0.00019 -0.00027
C(S,P,E)	0.00041 0.00057	0.00041 0.00057	0.00041 0.00057	
C(S,P,T)	0.00047 0.00065	0.00047 0.00065		0.00047 0.00065
C(S,E,T)	0.00000 0.00000		0.00000 0.00000	0.00000 0.00000
C(P,E,T)		0.00254 0.00354	0.00254 0.00354	0.00254 0.00354
C(S,P,E,T)	0.00017 0.00023	0.00017 0.00023	0.00017 0.00023	0.00017 0.00023
RSQ(I)	0.05820	0.71498	0.01148	0.00491
RSQ(S,P,E,T)		0.71959		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-5

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 8, SPRING 1972, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00238 0.00346	0.55050 0.80151	0.00769 0.01119	0.00725 0.01055
C(S,P)	0.03535 0.05147	0.03535 0.05147		
C(S,E)	-0.00043 -0.00062		-0.00043 -0.00062	
C(S,T)	0.00092 0.00133			0.00092 0.00133
C(P,E)		0.01567 0.02281	0.01567 0.02281	
C(P,T)		0.05820 0.08474		0.05820 0.08474
C(E,T)			-0.00058 -0.00084	-0.00058 -0.00084
C(S,P,E)	-0.00540 -0.00787	-0.00540 -0.00787	-0.00540 -0.00787	
C(S,P,T)	0.01626 0.02368	0.01626 0.02368		0.01626 0.02368
C(S,E,T)	-0.00045 -0.00066		-0.00045 -0.00066	-0.00045 -0.00066
C(P,E,T)		0.00500 0.00728	0.00500 0.00728	0.00500 0.00728
C(S,P,E,T)	-0.00553 -0.00805	-0.00553 -0.00805	-0.00553 -0.00805	-0.00553 -0.00805
RSQ(I)	0.04310	0.67005	0.01597	0.08107
RSQ(S,P,E,T)		0.68683		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-6

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 9, SPRING 1972, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00185 0.00241	0.66340 0.86528	0.00043 0.00057	0.00252 0.00329
C(S,P)	0.06818 0.08893	0.06818 0.08893		
C(S,E)	-0.00002 -0.00002		-0.00002 -0.00002	
C(S,T)	0.00012 0.00016			0.00012 0.00016
C(P,E)		0.02290 0.02987	0.02290 0.02987	
C(P,T)		0.02303 0.03003		0.02303 0.03003
C(E,T)			-0.00035 -0.00046	-0.00035 -0.00046
C(S,P,E)	-0.00981 -0.01279	-0.00981 -0.01279	-0.00981 -0.01279	
C(S,P,T)	0.00576 0.00752	0.00576 0.00752		0.00576 0.00752
C(S,E,T)	0.00032 0.00042		0.00032 0.00042	0.00032 0.00042
C(P,E,T)		-0.01314 -0.01713	-0.01314 -0.01713	-0.01314 -0.01713
C(S,P,E,T)	0.00149 0.00194	0.00149 0.00194	0.00149 0.00194	0.00149 0.00194
RSQ(I)	0.06790	0.76181	0.00183	0.01975
RSQ(S,P,E,T)		0.76668		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-7

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 10, SPRING 1972, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00126 0.00179	0.66637 0.95164	0.00436 0.00623	0.00446 0.00636
C(S,P)	-0.00082 -0.00117	-0.00082 -0.00117		
C(S,E)	-0.00014 -0.00020		-0.00014 -0.00020	
C(S,T)	-0.00012 -0.00016			-0.00012 -0.00016
C(P,E)		0.02304 0.03290	0.02304 0.03290	
C(P,T)		0.00645 0.00922		0.00645 0.00922
C(E,T)			-0.00308 -0.00440	-0.00308 -0.00440
C(S,P,E)	0.00315 0.00450	0.00315 0.00450	0.00315 0.00450	
C(S,P,T)	0.00001 0.00001	0.00001 0.00001		0.00001 0.00001
C(S,E,T)	0.00010 0.00015		0.00010 0.00015	0.00010 0.00015
C(P,E,T)		-0.00479 -0.00684	-0.00479 -0.00684	-0.00479 -0.00684
C(S,P,E,T)	-0.00002 -0.00003	-0.00002 -0.00003	-0.00002 -0.00003	-0.00002 -0.00003
RSQ(I)	0.00343	0.69340	0.02263	0.00302
RSQ(S,P,E,T)		0.70024		

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* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-8

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 0, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFI-CATIONS(T)
U(I)	0.00407 0.02058	0.15114 0.76365	0.02877 0.14535	0.00101 0.00510
C(S,P)	0.02505 0.12655	0.02505 0.12655		
C(S,E)	-0.00178 -0.00897		-0.00178 -0.00897	
C(S,T)	0.00038 0.00192			0.00038 0.00192
C(P,E)		-0.01418 -0.07166	-0.01418 -0.07166	
C(P,T)		0.00063 0.00320		0.00063 0.00320
C(E,T)			0.00720 0.03639	0.00720 0.03639
C(S,P,E)	-0.00429 -0.02166	-0.00429 -0.02166	-0.00429 -0.02166	
C(S,P,T)	0.00119 0.00602	0.00119 0.00602		0.00119 0.00602
C(S,E,T)	-0.00036 -0.00180		-0.00036 -0.00180	-0.00036 -0.00180
C(P,E,T)		0.00012 0.00062	0.00012 0.00062	0.00012 0.00062
C(S,P,E,T)	-0.00105 -0.00529	-0.00105 -0.00529	-0.00105 -0.00529	-0.00105 -0.00529
RSQ(I)	0.02323	0.15862	0.01444	0.00914
RSQ(S,P,E,T)		0.19792		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-9

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 2, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00727 0.01163	0.52835 0.84576	0.00632 0.01012	0.00772 0.01236
C(S,P)	0.06141 0.09831	0.06141 0.09831		
C(S,E)	-0.00036 -0.00058		-0.00036 -0.00058	
C(S,T)	-0.00100 -0.00160			-0.00100 -0.00160
C(P,E)		0.00161 0.00258	0.00161 0.00258	
C(P,T)		0.00345 0.00553		0.00345 0.00553
C(E,T)			0.00566 0.00907	0.00566 0.00907
C(S,P,E)	0.00667 0.01068	0.00667 0.01068	0.00667 0.01068	
C(S,P,T)	-0.00240 -0.00384	-0.00240 -0.00384		-0.00240 -0.00384
C(S,E,T)	-0.00039 -0.00062		-0.00039 -0.00062	-0.00039 -0.00062
C(P,E,T)		0.00160 0.00255	0.00160 0.00255	0.00160 0.00255
C(S,P,E,T)	-0.00122 -0.00195	-0.00122 -0.00195	-0.00122 -0.00195	-0.00122 -0.00195
RSQ(I)	0.06999	0.59948	0.01990	0.01343
RSQ(S,P,E,T)		0.62470		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-10

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 3, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.01244 0.01922	0.49239 0.76054	0.00136 0.00210	0.00045 0.00070
C(S,P)	0.13770 0.21268	0.13770 0.21268		
C(S,E)	0.00026 0.00040		0.00026 0.00040	
C(S,T)	-0.00005 -0.00008			-0.00005 -0.00008
C(P,E)		0.00009 0.00015	0.00009 0.00015	
C(P,T)		0.00120 0.00186		0.00120 0.00186
C(E,T)			-0.00013 -0.00021	-0.00013 -0.00021
C(S,P,E)	0.00020 0.00031	0.00020 0.00031	0.00020 0.00031	
C(S,P,T)	0.00000 0.00000	0.00000 0.00000		0.00000 0.00000
C(S,E,T)	-0.00001 -0.00001		-0.00001 -0.00001	-0.00001 -0.00001
C(P,E,T)		0.00137 0.00212	0.00137 0.00212	0.00137 0.00212
C(S,P,E,T)	0.00015 0.00023	0.00015 0.00023	0.00015 0.00023	0.00015 0.00023
RSQ(I)	0.15068	0.63311	0.00329	0.00298
RSQ(S,P,E,T)		0.64742		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-11

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 5, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00117 0.00168	0.59913 0.86164	0.00689 0.00991	0.00158 0.00227
C(S,P)	0.04371 0.06286	0.04371 0.06286		
C(S,E)	0.00284 0.00408		0.00284 0.00408	
C(S,T)	0.00004 0.00005			0.00004 0.00005
C(P,E)		0.00887 0.01276	0.00887 0.01276	
C(P,T)		0.00406 0.00584		0.00406 0.00584
C(E,T)			0.00133 0.00191	0.00133 0.00191
C(S,P,E)	0.01911 0.02748	0.01911 0.02748	0.01911 0.02748	
C(S,P,T)	0.00077 0.00111	0.00077 0.00111		0.00077 0.00111
C(S,E,T)	0.00035 0.00051		0.00035 0.00051	0.00035 0.00051
C(P,E,T)		0.00271 0.00390	0.00271 0.00390	0.00271 0.00390
C(S,P,E,T)	0.00279 0.00401	0.00279 0.00401	0.00279 0.00401	0.00279 0.00401
RSQ(I)	0.07077	0.68114	0.04489	0.01362
RSQ(S,P,E,T)		0.69534		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-12

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 7, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.01438 0.02008	0.52346 0.73102	0.00264 0.00368	0.00074 0.00104
C(S,P)	0.09921 0.13855	0.09921 0.13855		
C(S,E)	-0.00258 -0.00361		-0.00258 -0.00361	
C(S,T)	0.00004 0.00005			0.00004 0.00005
C(P,E)		0.05186 0.07243	0.05186 0.07243	
C(P,T)		0.03944 0.05508		0.03944 0.05508
C(E,T)			0.00011 0.00015	0.00011 0.00015
C(S,P,E)	-0.03355 -0.04686	-0.03355 -0.04686	-0.03355 -0.04686	
C(S,P,T)	0.01113 0.01554	0.01113 0.01554		0.01113 0.01554
C(S,E,T)	-0.00006 -0.00008		-0.00006 -0.00008	-0.00006 -0.00008
C(P,E,T)		0.01300 0.01815	0.01300 0.01815	0.01300 0.01815
C(S,P,E,T)	-0.00374 -0.00523	-0.00374 -0.00523	-0.00374 -0.00523	-0.00374 -0.00523
RSQ(I)	0.08481	0.70081	0.02767	0.06066
RSQ(S,P,E,T)		0.71607		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-13

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 8, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00342 0.00480	0.64168 0.90111	0.00191 0.00268	0.00018 0.00025
C(S,P)	0.05160 0.07246	0.05160 0.07246		
C(S,E)	-0.00034 -0.00047		-0.00034 -0.00047	
C(S,T)	0.00001 0.00002			0.00001 0.00002
C(P,E)		0.01195 0.01679	0.01195 0.01679	
C(P,T)		0.00631 0.00886		0.00631 0.00886
C(E,T)			-0.00011 -0.00015	-0.00011 -0.00015
C(S,P,E)	-0.00698 -0.00981	-0.00698 -0.00981	-0.00698 -0.00981	
C(S,P,T)	0.00068 0.00095	0.00068 0.00095		0.00068 0.00095
C(S,E,T)	-0.00003 -0.00004		-0.00003 -0.00004	-0.00003 -0.00004
C(P,E,T)		0.00095 0.00133	0.00095 0.00133	0.00095 0.00133
C(S,P,E,T)	0.00087 0.00122	0.00087 0.00122	0.00087 0.00122	0.00087 0.00122
RSQ(I)	0.04923	0.70705	0.00823	0.00885
RSQ(S,P,E,T)		0.71210		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-14

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 9, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00210 0.00304	0.65770 0.94959	0.00831 0.01200	0.00031 0.00045
C(S,P)	0.02186 0.03156	0.02186 0.03156		
C(S,E)	0.00392 0.00566		0.00392 0.00566	
C(S,T)	0.00008 0.00012			0.00008 0.00012
C(P,E)		-0.00670 -0.00968	-0.00670 -0.00968	
C(P,T)		0.00840 0.01213		0.00840 0.01213
C(E,T)			-0.00029 -0.00041	-0.00029 -0.00041
C(S,P,E)	-0.00242 -0.00349	-0.00242 -0.00349	-0.00242 -0.00349	
C(S,P,T)	0.00180 0.00259	0.00180 0.00259		0.00180 0.00259
C(S,E,T)	-0.00006 -0.00009		-0.00006 -0.00009	-0.00006 -0.00009
C(P,E,T)		-0.00029 -0.00043	-0.00029 -0.00043	-0.00029 -0.00043
C(S,P,E,T)	-0.00210 -0.00304	-0.00210 -0.00304	-0.00210 -0.00304	-0.00210 -0.00304
RSQ(I)	0.02518	0.67824	0.00036	0.00784
RSQ(S,P,E,T)		0.69261		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE C-15

COMMONALITY COEFFICIENTS FOR THE LEVEL OF INNOVATION GROWTH MODEL-COHORT 10, SPRING 1973, ARITHMETIC TOTAL SCORE ANALYSIS

COMMONALITY COEFFICIENT*	SES(S)	PRETEST (P)	EDEXAG VARS, LI AND NMIN**	TEACHING QUALIFICATIONS(T)
U(I)	0.00012 0.00020	0.55447 0.93529	0.02178 0.03673	0.00066 0.00111
C(S,P)	-0.00008 -0.00014	-0.00008 -0.00014		
C(S,E)	0.00355 0.00599		0.00355 0.00599	
C(S,T)	-0.00000 -0.00001			-0.00000 -0.00001
C(P,E)		-0.01722 -0.02905	-0.01722 -0.02905	
C(P,T)		0.03683 0.06213		0.03683 0.06213
C(E,T)			0.00231 0.00390	0.00231 0.00390
C(S,P,E)	-0.00328 -0.00552	-0.00328 -0.00552	-0.00328 -0.00552	
C(S,P,T)	0.00002 0.00004	0.00002 0.00004		0.00002 0.00004
C(S,E,T)	0.00034 0.00057		0.00034 0.00057	0.00034 0.00057
C(P,E,T)		-0.00602 -0.01015	-0.00602 -0.01015	-0.00602 -0.01015
C(S,P,E,T)	-0.00065 -0.00109	-0.00065 -0.00109	-0.00065 -0.00109	-0.00065 -0.00109
RSQ(I)	0.00002	0.56408	0.00082	0.03349
RSQ(S,P,E,T)		0.59283		

* THE LOWER COEFFICIENT OF EACH PAIR IS THE NORMALIZED COMMONALITY COEFFICIENT; THAT IS, THE COMMONALITY COEFFICIENT DIVIDED BY RSQ(S,P,E,T).

** LI AND NMIN ARE ABBREVIATIONS FOR LEVEL OF INNOVATION AND NUMBER OF MINUTES PER DAY.

TABLE D-1

Regression Coefficients for the Level of Innovation Growth Model--Arithmetic Total Score Analysis, Spring 1972 Analysis

Cohort 2

Variable	Multiple R	B	Beta	F
COMPSES	0.26303	0.96954	0.21738	50.331
RESR71	0.55282	2.09471	0.48167	260.108
E2LI	0.55574	-0.33751	-0.02863	0.779
E2NMIN	0.55989	0.42714	0.08023	6.392
T2TQ	0.56426	0.32886	0.07069	5.674
(Constant)		4.16049		

(df = 5; 787)

Cohort 3

Variable	Multiple R	B	Beta	F
COMPSES	0.33789	0.46515	0.11700	57.536
RESR71	0.78077	0.75643	0.73680	2386.170
E2LI	0.78336	-0.60181	-0.06092	16.651
E2NMIN	0.78805	-0.27022	-0.06568	19.554
T2TQ	0.79303	0.43622	0.09185	38.224
(Constant)		57.05775		

(df = 5; 1802)

Cohort 5

Variable	Multiple R	B	Beta	F
COMPSES	0.26851	0.40568	0.06463	21.619
RESR71	0.81835	0.87187	0.80563	3423.226
E2LI	0.82100	-1.38009	-0.07391	30.316
E2NMIN	0.82211	-0.38648	-0.04758	12.210
T2TQ	0.82271	-0.21625	-0.03205	5.624
(Constant)		116.07941		

(df = 5; 1839)

TABLE D-1, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Arithmetic Total Score Analysis, Spring 1972 Analysis

Cohort 7

Variable	Multiple R	B	Beta	F
COMPSES	0.24125	0.22007	0.03070	3.773
RESR71	0.84637	0.90020	0.83610	2993.120
E2LI	0.84640	-0.13108	-0.00816	0.284
E2NMIN	0.84817	-0.45471	-0.05809	14.650
T2TQ	0.84829	-0.12405	-0.01467	0.935
(Constant)		107.08597		

(df = 5; 1293)

Cohort 8

Variable	Multiple R	B	Beta	F
COMPSES	0.20761	0.39363	0.05206	9.791
RESR71	0.82004	0.97910	0.78188	2265.830
E2LI	0.82056	-1.56235	-0.08917	18.233
E2NMIN	0.82437	1.46962	0.11197	30.422
T2TQ	0.82875	0.75044	0.08935	29.837
(Constant)		-111.74976		

(df = 5; 1289

Cohort 9

Variable	Multiple R	B	Beta	F
COMPSES	0.26057	0.40319	0.04939	4.345
RESR71	0.87412	0.93321	0.85374	1558.146
E2LI	0.87412	-0.58735	-0.02327	0.887
E2NMIN	0.87416	0.11631	0.01298	0.312
T2TQ	0.87560	0.55384	0.05915	5.923
(Constant)		-30.11299		

(df = 5; 548)

TABLE D-1, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Arithmetic Total Score Analysis, Spring 1972 Analysis

Cohort 10

Variable	Multiple R	B	Beta	F
COMPSES	0.05853	-0.28989	-0.03737	2.077
RESR71	0.83337	0.91198	0.82796	1102.607
E2LI	0.83370	-1.14769	-0.05549	3.970
E2NMIN	0.83414	0.56885	0.05805	4.347
T2TQ	0.83680	0.72926	0.07923	7.373
(Constant)		24.48321		

(df = 5; 496)

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TABLE D-2

Regression Coefficients for the Level of Innovation Growth Model--Arithmetic Total Score Analysis, Spring 1973 Analysis

Cohort 0

Variable	Multiple R	B	Beta	F
COMPSES	0.21509	0.53320	0.15007	15.763
RESR72	0.42268	1.08959	0.38827	107.861
E3LI	0.46795	-2.24903	-0.19945	24.074
E3NMIN	0.46820	0.04610	0.01670	0.208
T3TQ	0.46826	0.04008	0.00829	0.045
(Constant)		214.52351		

(df = 5; 634)

Cohort 2

Variable	Multiple R	B	Beta	F
COMPSES	0.26455	0.38411	0.08969	13.416
RESR72	0.77781	0.71132	0.75259	975.609
E3LI	0.78108	-0.69449	-0.05448	5.152
E3NMIN	0.78548	0.31500	0.06061	6.287
T3TQ	0.79038	0.47273	0.09219	14.262
(Constant)		53.06279		

(df = 5; 693)

Cohort 3

Variable	Multiple R	B	Beta	F
COMPSES	0.38818	0.68296	0.11942	63.592
RESR72	0.80358	1.11862	0.75465	2516.607
E3LI	0.80418	0.54196	0.03433	5.660
E3NMIN	0.80435	0.06680	0.01187	0.682
T3TQ	0.80463	0.15125	0.02219	2.310
(Constant)		-102.55664		

(df = 5; 1802)

TABLE D-2, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Arithmetic Total Score Analysis, Spring 1973 Analysis

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Cohort 5

Variable	Multiple R	B	Beta	F
COMPSES	0.26603	0.28717	0.03801	6.907
RESR72	0.82797	1.02851	0.80165	3535.833
E3LI	0.82960	-0.86949	-0.05624	17.812
E3NMIN	0.83292	-0.62940	-0.07647	28.660
T3TQ	0.83387	0.36752	0.04048	9.312
(Constant)		-16.95443		

(df = 5; 1798)

Cohort 7

Variable	Multiple R	B	Beta	F
COMPSES	0.29123	1.06661	0.13449	59.053
RESR72	0.84414	0.97285	0.79140	2149.643
E3LI	0.84483	-1.81269	-0.09073	10.826
E3NMIN	0.84577	0.96996	0.06948	6.782
T3TQ	0.84621	0.26606	0.02835	3.044
(Constant)		-106.28737		

(df = 5; 1166)

Cohort 8

Variable	Multiple R	B	Beta	F
COMPSES	0.22188	0.47847	0.06148	12.629
RESR72	0.84268	0.88789	0.82738	2369.221
E3LI	0.84325	-0.45137	-0.02155	1.478
E3NMIN	0.84375	-0.32696	-0.03327	3.606
T3TQ	0.84386	-0.11721	-0.01359	0.646
(Constant)		75.42229		

(df = 5; 1063)

TABLE D-2, (continued)

Regression Coefficients for the Level of Innovation Growth Model--Arithmetic Total Score Analysis, Spring 1973 Analysis

Cohort 9

Variable	Multiple R	B	Beta	F
COMPSES	0.15867	0.36475	0.04847	3.136
RESR72	0.82721	0.89147	0.82747	979.969
E3LI	0.83145	1.62878	0.07093	5.479
E3NMIN	0.83205	0.44523	0.04393	1.920
T3TQ	0.83223	0.17500	0.01919	0.462
(Constant)		-26.00174		

(df = 5; 458)

Cohort 10

Variable	Multiple R	B	Beta	F
COMPSES	0.00477	0.07392	0.01161	0.062
RESR72	0.75371	0.79622	0.79689	284.606
E3LI	0.76869	2.95627	0.14025	6.537
E3NMIN	0.76953	0.32312	0.03655	0.477
T3TQ	0.76995	-0.21475	-0.02787	0.338
(Constant)		83.43970		

(df = 5; 209)

APPENDIX C

Project LONGSTEP Profile Variables and Variable Abbreviation Summary

Project LONGSTEP Profile Variables and Variable Abbreviation Summary[+]

Variable Abbreviation	Variable Label
COGNITIVE OUTCOMES:	
PCT71	Percentage of School Year Completed Prior to Testing, Spring 1971 (SP71)
PCT72	Percentage of School Year Completed Prior to Testing, Spring 1972 (SP72)
RTOT71	Reading Total for SP71
RTOT72	Reading Total for SP72
RESR71	RTOT71 Residualized for Time of Testing
RESR72	RTOT72 Residualized for Time of Testing
R71R72	RESR72 Residualized for RESR71
REXP72	RESR72 Residualized for Pretest and COMPSES
ATTITUDINAL OUTCOMES:	
ATS71	Attitude toward School SP71
ATS72	Attitude toward School SP72
ATLA71	Attitude toward Language Arts SP71
ATLA72	Attitude toward Language Arts SP72
RI71	Reading Interest SP71
RI72	Reading Interest SP72
ATM71	Attitude toward Math SP71
ATM72	Attitude toward Math SP72
SI71	Social Identity SP71
SI72	Social Identity SP72
STUDENT ATTRIBUTES:	
COMPSES	Composite of Student's SES
ETH	Student's Ethnic Group (0 = nonwhite; 1 = white).
SEX	Student's Sex (0 = male; 1 = female)
EdExAG VARIABLES:	
E2UO	Utilization of Objectives
E2EITC	External Influence on Treatment Characteristics

Variable Abbreviation	Variable Label
EdExAG VARIABLES (cont.)	
E2SME	Staff and Materials Evaluation
E2TE	Treatment Evaluation
E2RT	Resistance to Treatment
E2SSS	School Support Staff
E2IDM^{++}	Individualization in Decision Making
E2TLDM	Teacher or Locally Developed Materials
E2IIP^{++}	Individualization of Instructional Pace
E2UST	Use of Students in Treatment
E2UTE	Utilization of Treatment Evaluation
E2UCR	Use of Community Resources
E2SC	Scheduling Characteristics
E2UEI	Use of External Incentives
E2UPA^{++}	Use of Performance Agreements
E2CGO	Classroom Group Organization
E2SCD	School-Classroom Design
E2TUC	Teaching Unit Composition
E2STI	Status of Treatment Implementation
E2CIP	Completeness of Instructional Package
E2TIST	Teacher In-Service Training
E2AL	Accessibility of Library
E2UMC	Use of Media Center
E2USE^{++}	Utilization of Student Evaluation
E2AE	Affective Evaluation
E2MFR	Mechanism for Reinforcement
E2OFP	Opportunity for Practice
E2SUM10 (and LI)	Level of Innovation -- Sum of the 10 key innovation scales
E2SUM04 (and DI)	Degree of Individualization -- Sum of the 4 individualization scales

Variable Abbreviation	Variable Label
TREATMENT AND STAFF EXPOSURE VARIABLES:	
E2NDAYY	Number of School Days Per Year
E2NMIN	Number of Minutes Per Day
E2SCHW	Number of Student Contact Hours Per Week
E2TSCHR	Teacher/Student Contact Hour Ratio
E2ASCHR	Paid Aide/Student Contact Hour Ratio
E2VSCHR	Volunteer/Student Contact Hour Ratio
E2HSCHR	Student Helper/Student Contact Hour Ratio
CLASSROOM OBSERVATION VARIABLES:	
C2UM	Use of Materials
C2CE	Classroom Environment
C2SA	Study Arrangements
C2AR	Access to Resources
TEACHER VARIABLES:	
T2NTCHRS	Number of Teachers
T2AGE	Teacher's Age
T2TSB	Teacher's Socioeconomic Background
T2TQ	Teaching Qualifications
T2CPR	Current Professional Reading
T2TAUP	Teachers Associations or Union Participation
T2SR	School Reputation
T2AS	Administrative Support

+The variables and variable abbreviations listed are for the Spring, 1972 posttest analysis (SP72) of the Reading Total score. The "E2" which precedes the EdExAG variable abbreviations, the "T2" which precedes the teacher variable abbreviations, and the "C2" which precedes the classroom observation measures identify the data collection year as Year 2, 1971-72.

Underlined are the key measures of innovation -- that is, the ten scales forming the superindex, Level of Innovation.

++Primary measure of individualization -- that is, one of four scales forming the superindex, Degree of Individualization.